# Brigham City Center Facade Remodel

# DFCM PROJECT NO. 06047310

Brigham City Center 1100 South Street Brigham City, Utah

February 16, 2007



State of Utah-Department of Administrative Services

# DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

4110 State Office Building/Salt Lake City, Utah 84114/538-3018

#### State of Utah

Department of Administrative Services



Division of Facilities Construction & Management 4110 State Office Building Salt Lake City, Utah 84114 Phone: (801) 538-3018 Fax: (801) 538-3267

http://dfcm.utah.gov

CREATED BY: Design Interface LLC



BUILDING NAME:

Brigham City Center 1100 South Street Brigham City, Utah

PROJECT TITLE

Brigham City Center Facade Remodel

DESCRIPTION

ISSUE TYPE: Construction Documents

ISSUE DATE: February 16, 2007

DFCM PROJECT NO: 06047310
CAD PROJECT NO: CAD DWG FILE:

CAD DWG FILE:

DRAWN BY:

CHK'D BY: pc

COPYRIGHT: STATE OF UTAH

SHEET TITLE

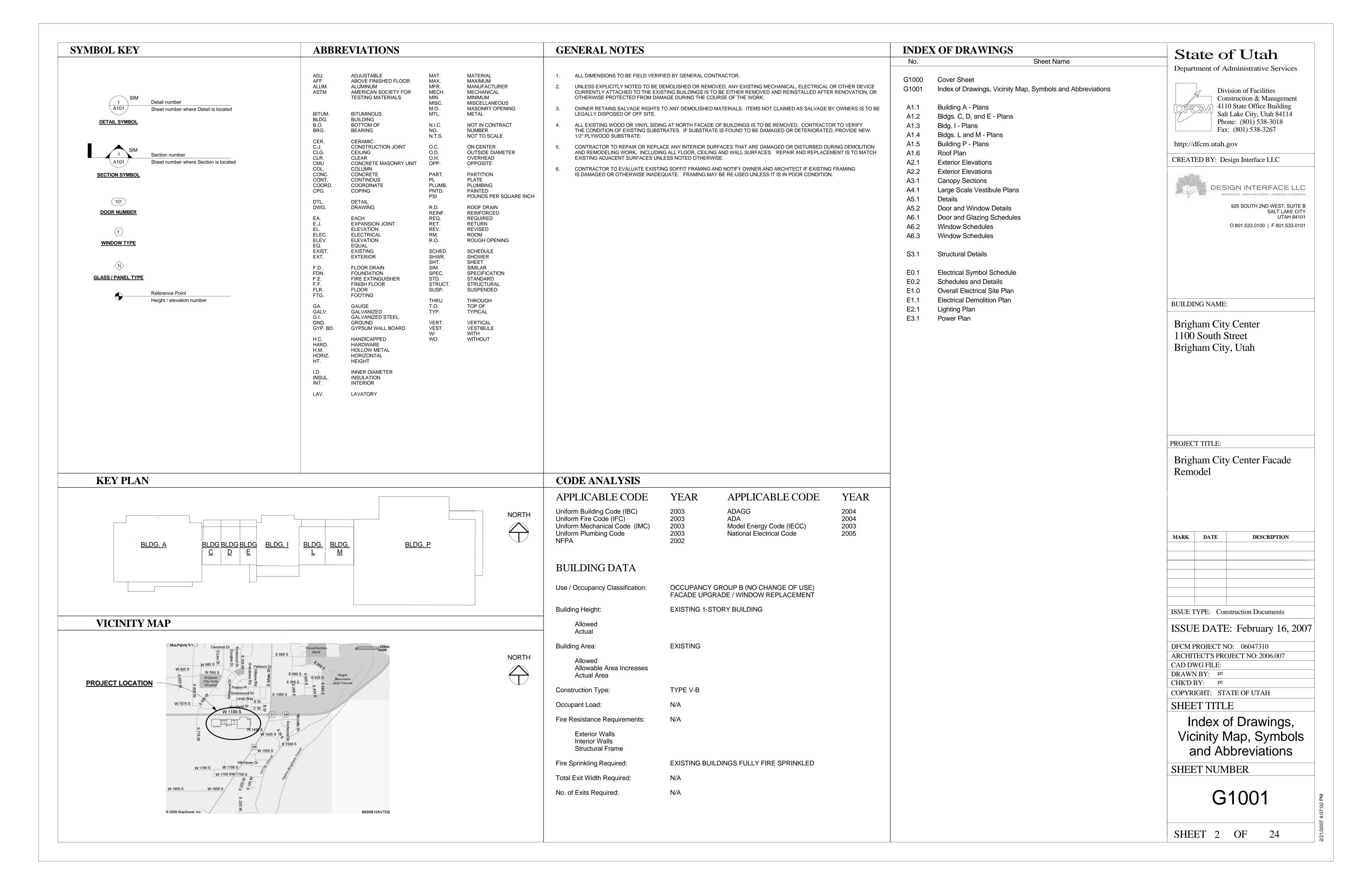
Cover Sheet

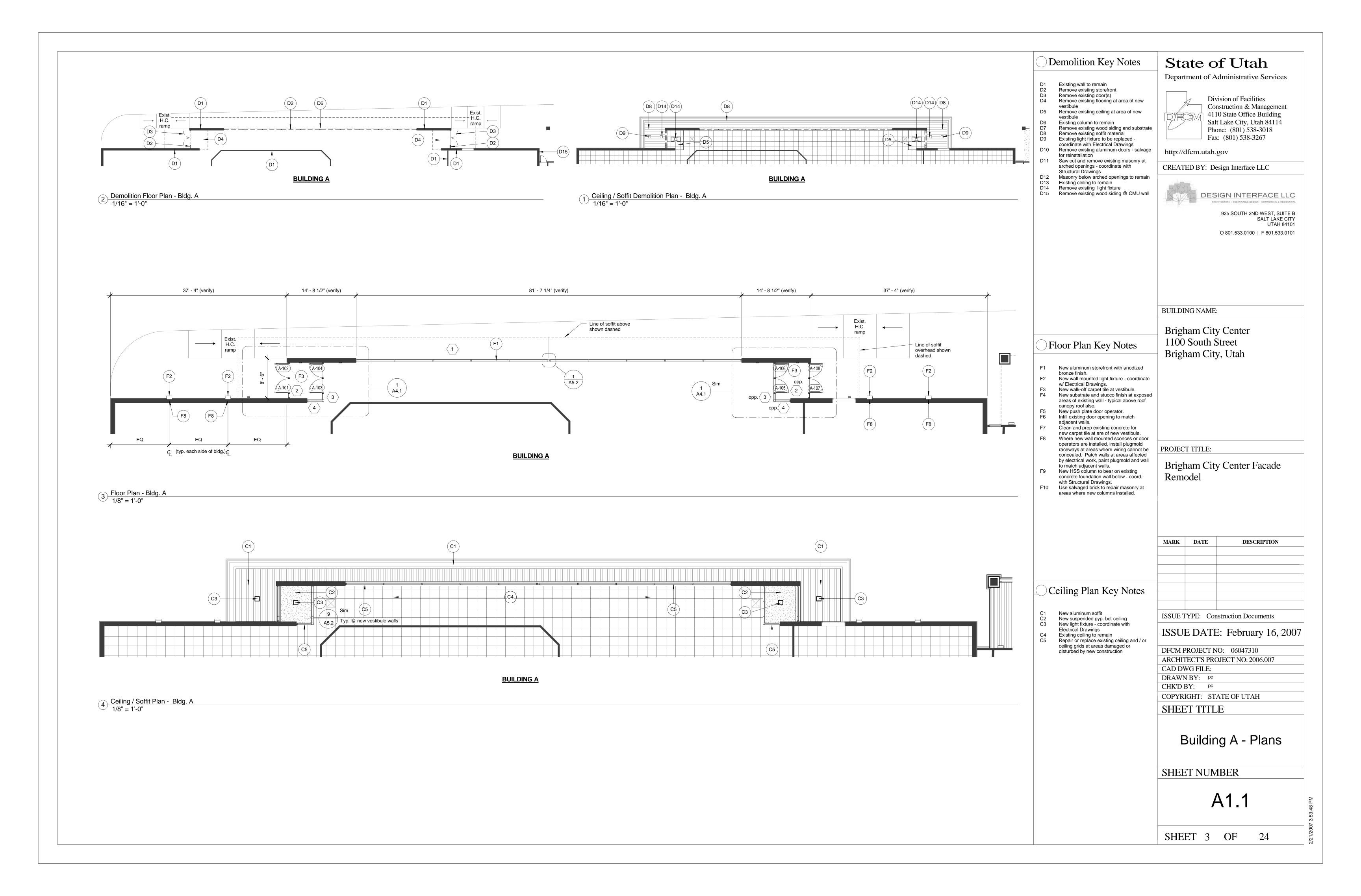
SHEET NUMBER

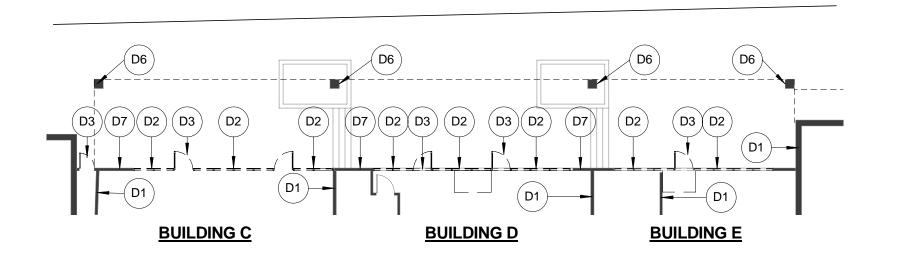
G1000

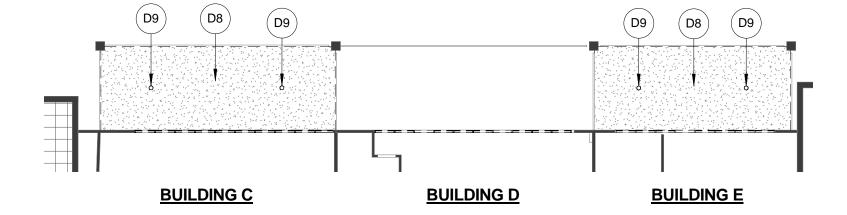
SHEET 1 OF 24

2/21/2007 4:07:33 PM





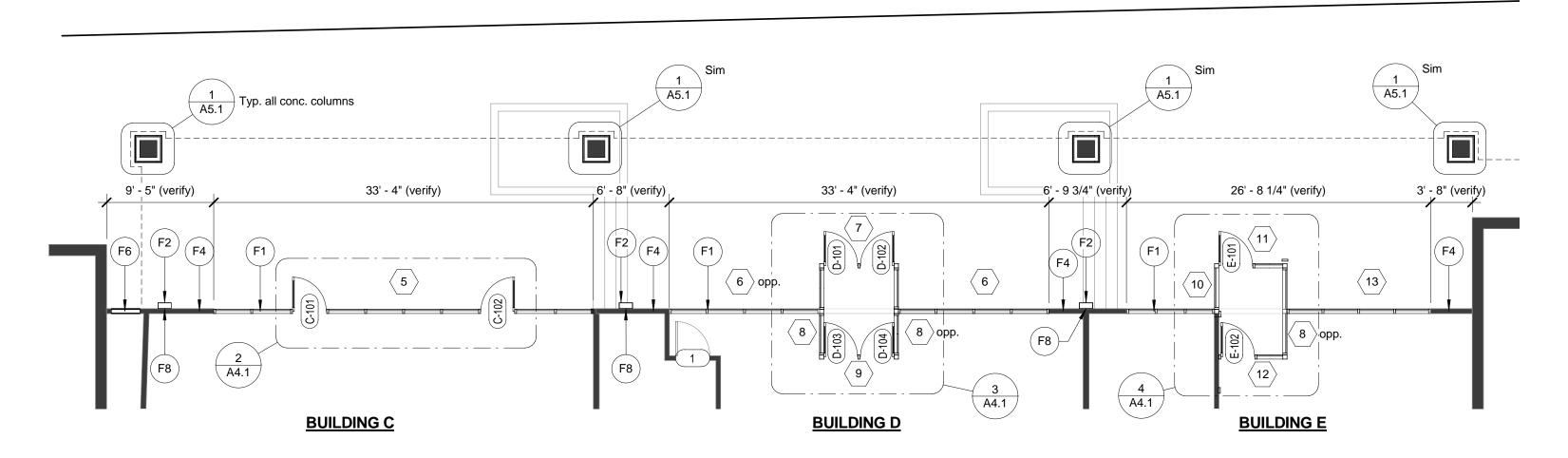




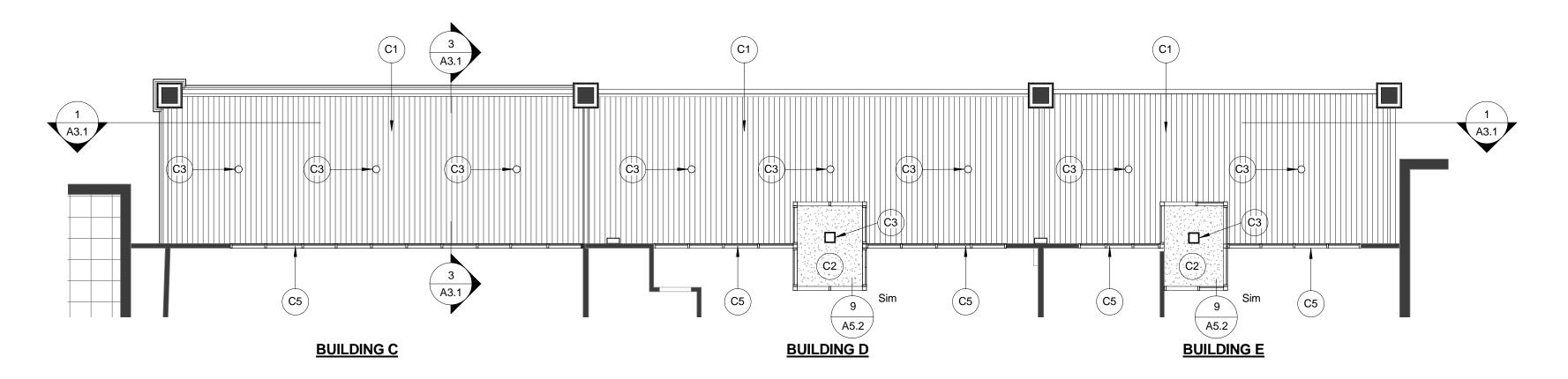
Demolition Plans - Bldgs. C, D, and E

1/16" = 1'-0"

1 Ceiling / Soffit Demolition Plan-Bldgs. C, D, E 1/16" = 1'-0"



3 Floor Plan - Bldgs. C, D, and E 1/8" = 1'-0"



Ceiling / Soffit Plan - Bldgs. C, D, and E 1/8" = 1'-0"

# Demolition Key Notes State of Utah

Department of Administrative Services



Division of Facilities
Construction & Management
4110 State Office Building
Salt Lake City, Utah 84114
Phone: (801) 538-3018
Fax: (801) 538-3267

http://dfcm.utah.gov

CREATED BY: Design Interface LLC



DESIGN INTERFACE LLC

925 SOUTH 2ND WEST, SUITE B SALT LAKE CITY UTAH 84101 O 801.533.0100 | F 801.533.0101

#### BUILDING NAME:

#### Floor Plan Key Notes

Existing wall to remain Remove existing storefront Remove existing door(s)

Existing column to remain

for reinstallation

Structural Drawings

Existing ceiling to remain

D14 Remove existing light fixture
D15 Remove existing wood siding @ CMU wall

Remove existing soffit material

Existing light fixture to be replaced -

Remove existing flooring at area of new

Remove existing ceiling at area of new

Remove existing wood siding and substrate

coordinate with Electrical Drawings Remove existing aluminum doors - salvage

Saw cut and remove existing masonry at arched openings - coordinate with

Masonry below arched openings to remain

Brigham City Center 1100 South Street Brigham City, Utah

- F1 New aluminum storefront with anodized
- bronze finish.
  New wall mounted light fixture coordinate
- New wall mounted light fixture coord
   w/ Electrical Drawings.
   New walk-off carpet tile at vestibule.
- New substrate and stucco finish at exposed areas of existing wall typical above roof canopy roof also.

  New push plate door operator.
- Infill existing door opening to match adjacent walls.
- F7 Clean and prep existing concrete for new carpet tile at are of new vestibule.
  F8 Where new wall mounted sconces or door operators are installed, install plugmold
  - concealed. Patch walls at areas affected by electrical work, paint plugmold and wall to match adjacent walls.

    New HSS column to bear on existing concrete foundation wall below coord.

raceways at areas where wiring cannot be

- with Structural Drawings.

  10 Use salvaged brick to repair masonry at areas where new columns installed.

PROJECT TITLE:

Brigham City Center Facade Remodel

MARK DATE DESCRIPTION

#### Ceiling Plan Key Notes

- C1 New aluminum soffit
  C2 New suspended gyp. bd. ceiling
  C3 New light fixture coordinate with
  Electrical Drawings
  C4 Existing ceiling to remain
- C4 Existing ceiling to remain
  C5 Repair or replace existing ceiling and / or ceiling grids at areas damaged or disturbed by new construction

ISSUE TYPE: Construction Documents

#### ISSUE DATE: February 16, 2007

DFCM PROJECT NO: 06047310

ARCHITECT'S PROJECT NO: 2006.007

CAD DWG FILE:

DRAWN BY: PC

CHK'D BY: PC

COPYRIGHT: STATE OF UTAH

SHEET TITLE

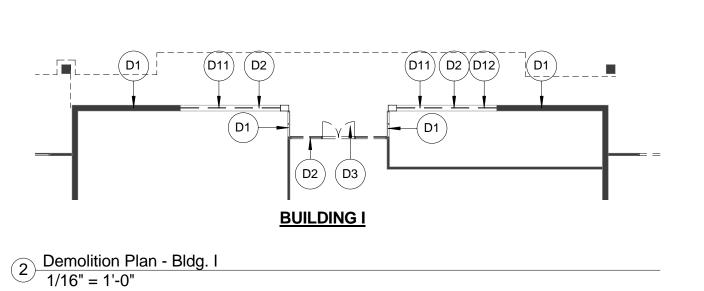
Bldgs. C, D, and E - Plans

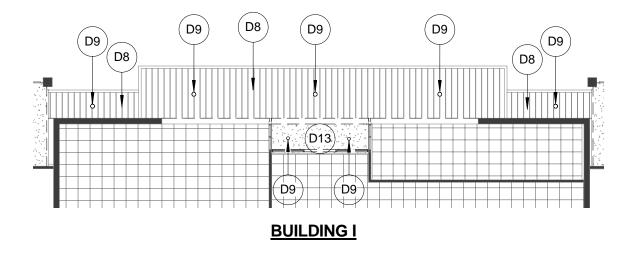
SHEET NUMBER

A1.2

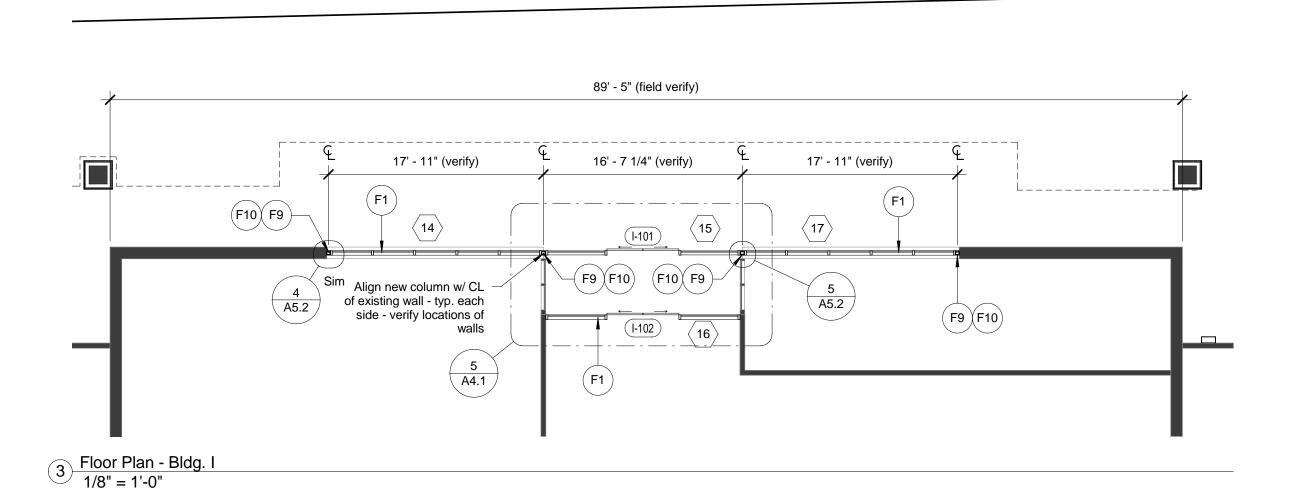
SHEET 4 OF

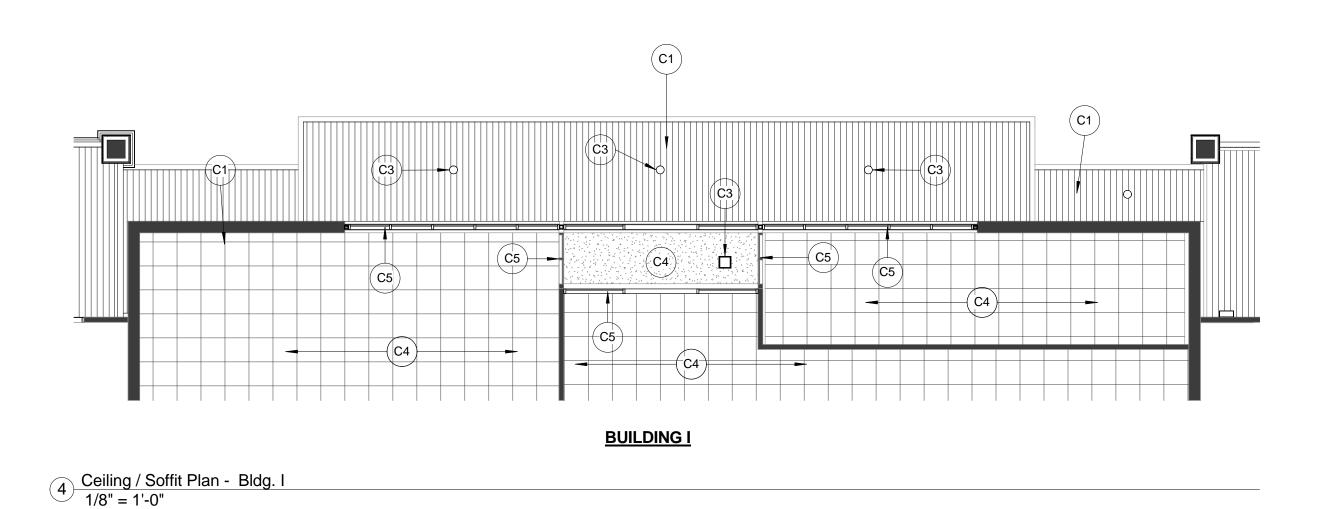
2/21/2007 3:55:12 PM

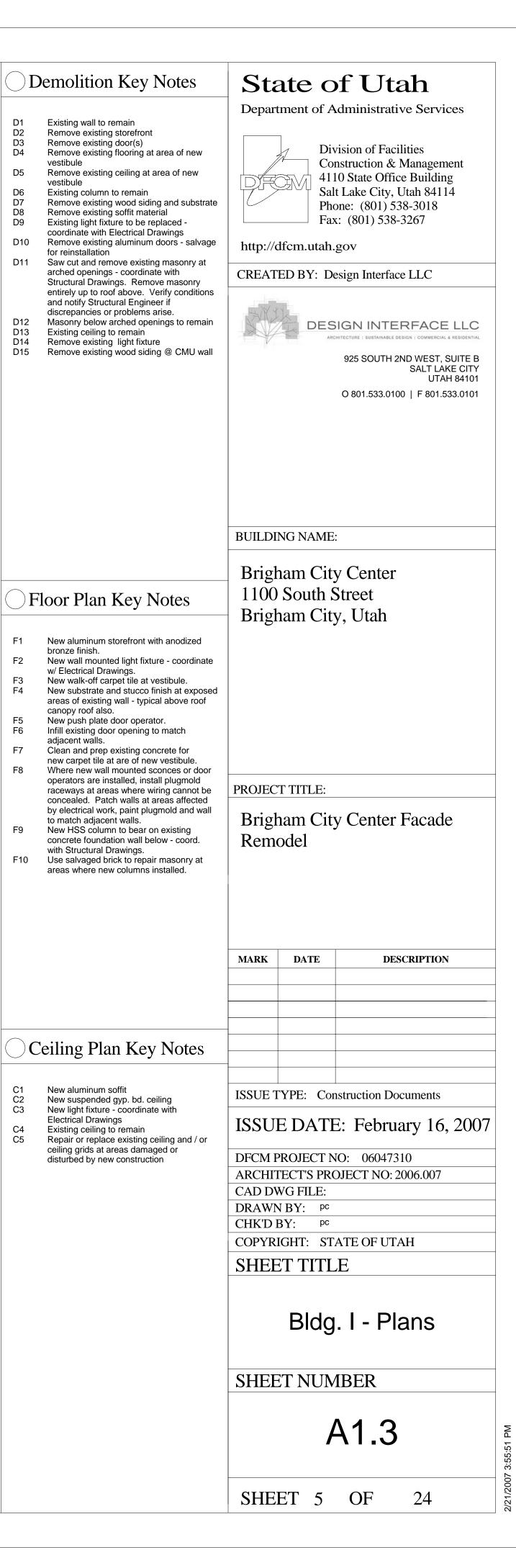


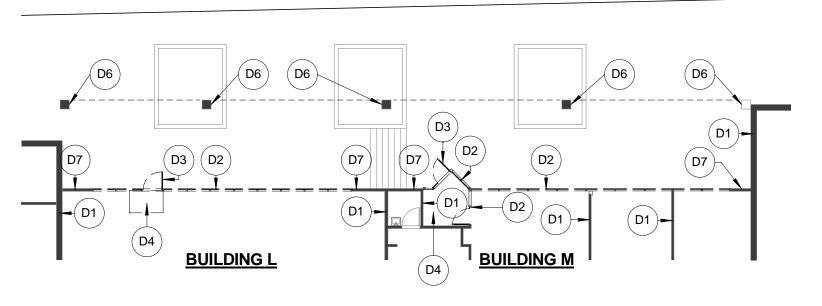


Ceiling / Soffit Demolition Plan - Bldg. I
1/16" = 1'-0"

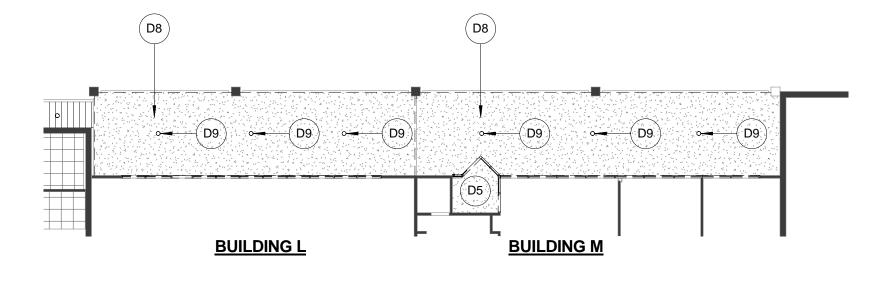




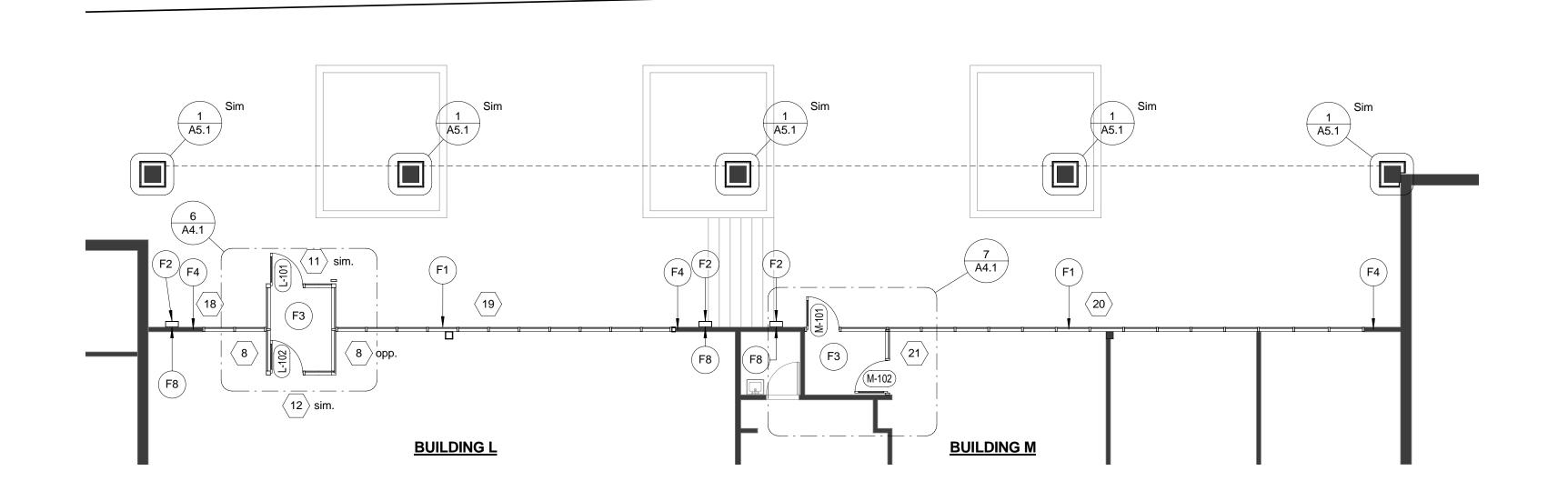




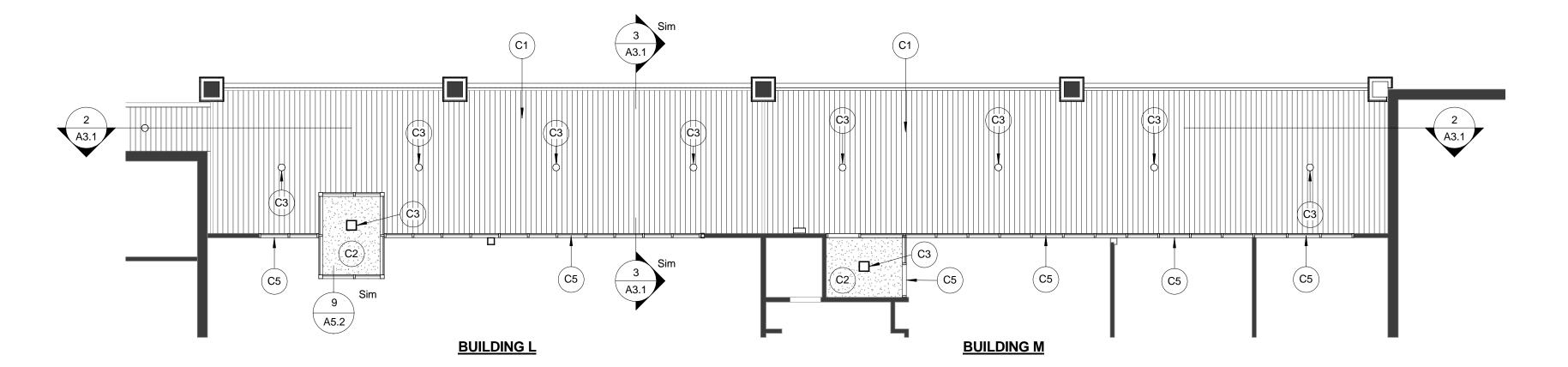
2 Demolition Plans - Bldgs. L and M 1/16" = 1'-0"



1 Ceiling / Soffit Demolition Plan - Bldgs. L & M 1/16" = 1'-0"



3 Floor Plan - Bldgs. L and M 1/8" = 1'-0"



Ceiling / Soffit Plan - Bldgs. L and M
1/8" = 1'-0"

Demolition Key Notes

Existing wall to remain Remove existing storefront Remove existing door(s) Remove existing flooring at area of new

Remove existing ceiling at area of new Existing column to remain Remove existing wood siding and substrate Remove existing soffit material Existing light fixture to be replaced coordinate with Electrical Drawings Remove existing aluminum doors - salvage

for reinstallation Saw cut and remove existing masonry at arched openings - coordinate with Structural Drawings Masonry below arched openings to remain Existing ceiling to remain

D14 Remove existing light fixture
D15 Remove existing wood siding @ CMU wall

## State of Utah

Department of Administrative Services



Division of Facilities Construction & Management 4110 State Office Building Salt Lake City, Utah 84114 Phone: (801) 538-3018 Fax: (801) 538-3267

http://dfcm.utah.gov

CREATED BY: Design Interface LLC



DESIGN INTERFACE LLC

925 SOUTH 2ND WEST, SUITE B SALT LAKE CITY O 801.533.0100 | F 801.533.0101

#### **BUILDING NAME:**

#### ) Floor Plan Key Notes

Brigham City Center 1100 South Street Brigham City, Utah

- F1 New aluminum storefront with anodized bronze finish.
- New wall mounted light fixture coordinate
- w/ Electrical Drawings.
  New walk-off carpet tile at vestibule. New substrate and stucco finish at exposed areas of existing wall - typical above roof
- canopy roof also.

  New push plate door operator. Infill existing door opening to match
- adjacent walls. Clean and prep existing concrete for new carpet tile at are of new vestibule.
- Where new wall mounted sconces or door operators are installed, install plugmold raceways at areas where wiring cannot be concealed. Patch walls at areas affected by electrical work, paint plugmold and wall
- to match adjacent walls.

  New HSS column to bear on existing concrete foundation wall below - coord. with Structural Drawings. F10 Use salvaged brick to repair masonry at areas where new columns installed.

PROJECT TITLE:

Brigham City Center Facade Remodel

MARK DATE DESCRIPTION

#### Ceiling Plan Key Notes

- C1 New aluminum soffit
  C2 New suspended gyp. bd. ceiling
  C3 New light fixture coordinate with
  Electrical Drawings
  4 Existing ceiling to remain
  Repair or replace existing ceiling and / or
  ceiling grids at areas damaged or
  disturbed by new construction

ISSUE TYPE: Construction Documents

#### ISSUE DATE: February 16, 2007

DFCM PROJECT NO: 06047310

ARCHITECT'S PROJECT NO: 2006.007 CAD DWG FILE: DRAWN BY: pc

CHK'D BY: pc COPYRIGHT: STATE OF UTAH

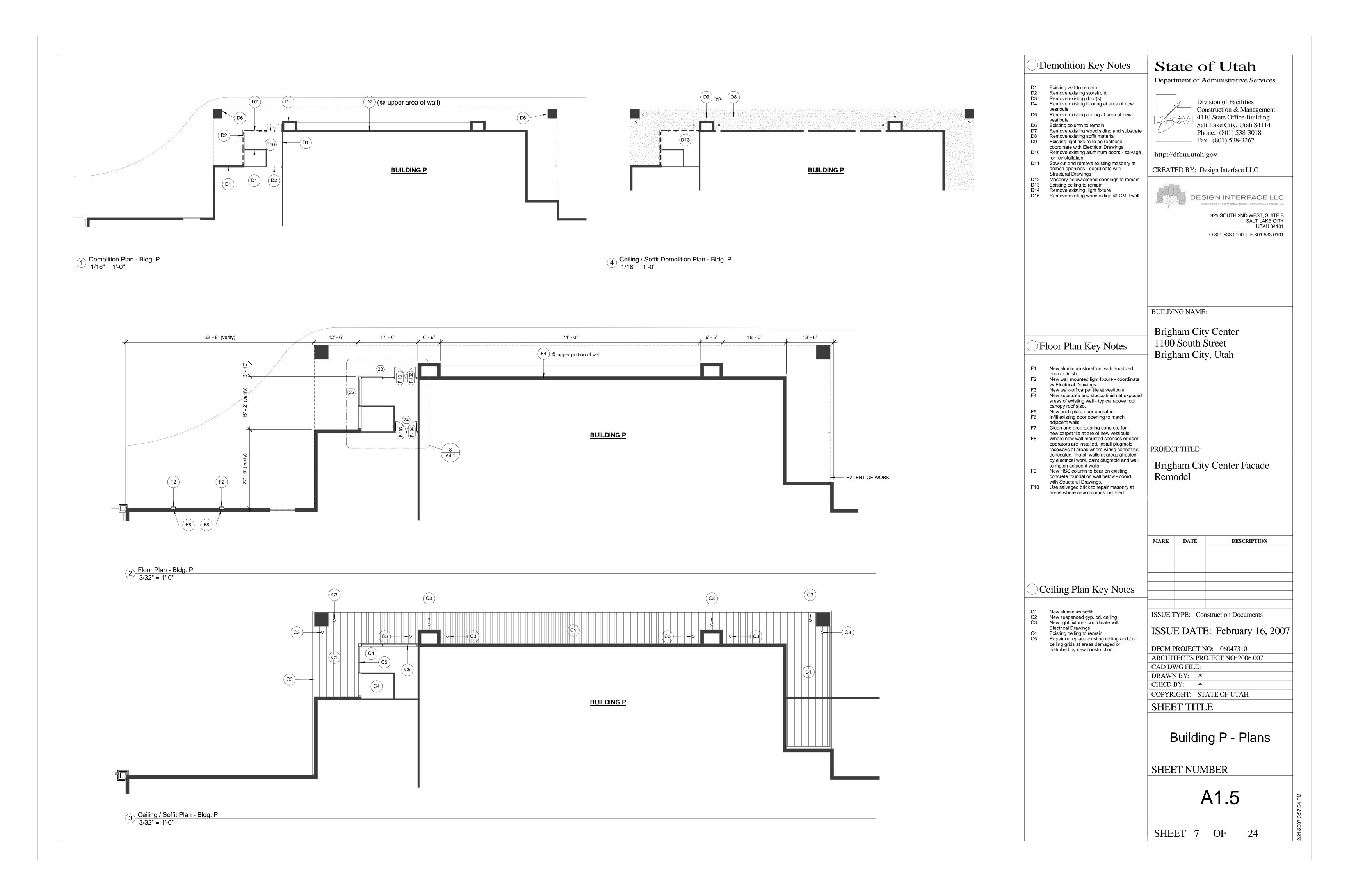
SHEET TITLE

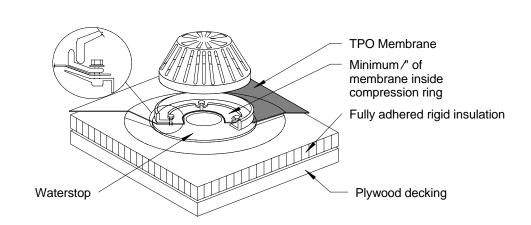
Bldgs. L and M - Plans

SHEET NUMBER

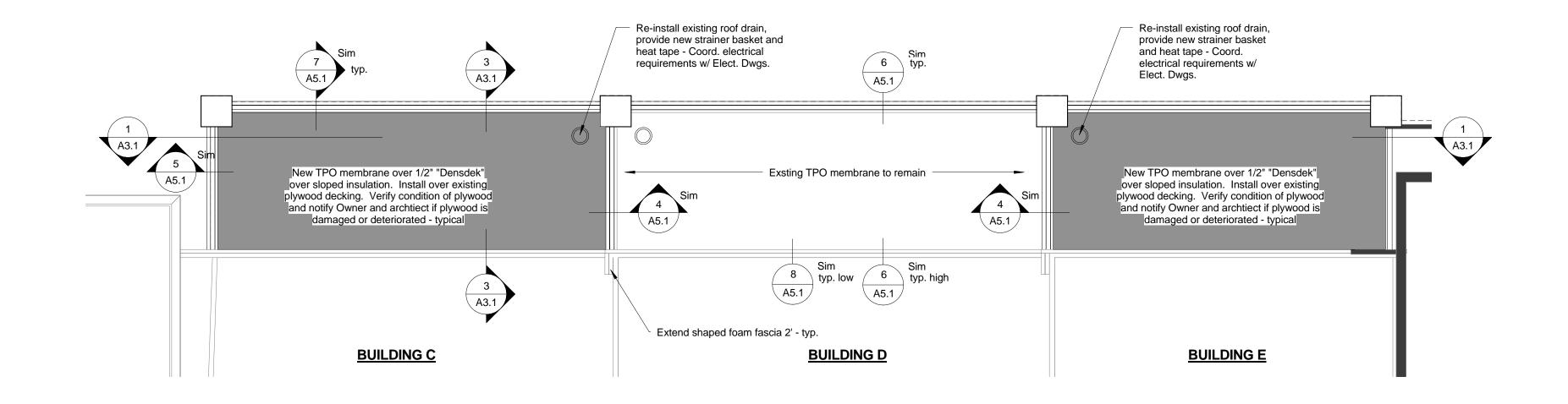
A1.4

SHEET 6 OF





3 Detail @ Roof Drain 6" = 1'-0"



Re-install existing roof drain, Re-install existing roof drain, provide new strainer basket and provide new strainer basket and heat tape - Coord. electrical heat tape - Coord. electrical requirements w/ Elect. Dwgs. requirements w/ Elect. Dwgs. A3.1 A3.1 New TPO membrane over 1/2" "Densdek" over sloped insulation. Install over existing plywood decking. Verify condition of plywood and notify Owner and archtiect if plywood is damaged or deteriorated - typical New TPO membrane over 1/2" "Densdek" over sloped insulation. Install over existing plywood decking. Verify condition of plywood and notify Owner and archtiect if plywood is damaged or deteriorated - typical 8 Sim **BUILDING L BUILDING M** 

2 Roof Plan - Bldgs. L and M 1/8" = 1'-0"

Roof Plan - Bldgs. C, D and E
1/8" = 1'-0"

# State of Utah

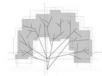
Department of Administrative Services



Division of Facilities
Construction & Management
4110 State Office Building
Salt Lake City, Utah 84114
Phone: (801) 538-3018
Fax: (801) 538-3267

http://dfcm.utah.gov

CREATED BY: Design Interface LLC



DESIGN INTERFACE LLC

925 SOUTH 2ND WEST, SUITE B SALT LAKE CITY UTAH 84101 O 801.533.0100 | F 801.533.0101

BUILDING NAME:

Brigham City Center 1100 South Street Brigham City, Utah

PROJECT TITLE:

Brigham City Center Facade Remodel

MARK DATE DESCRIPTION

ISSUE TYPE: Construction Documents

ISSUE DATE: February 16, 2007

DFCM PROJECT NO: 06047310

ARCHITECT'S PROJECT NO: 2006.007

CAD DWG FILE:

DRAWN BY: pc

CHK'D BY: pc

COPYRIGHT: STATE OF UTAH

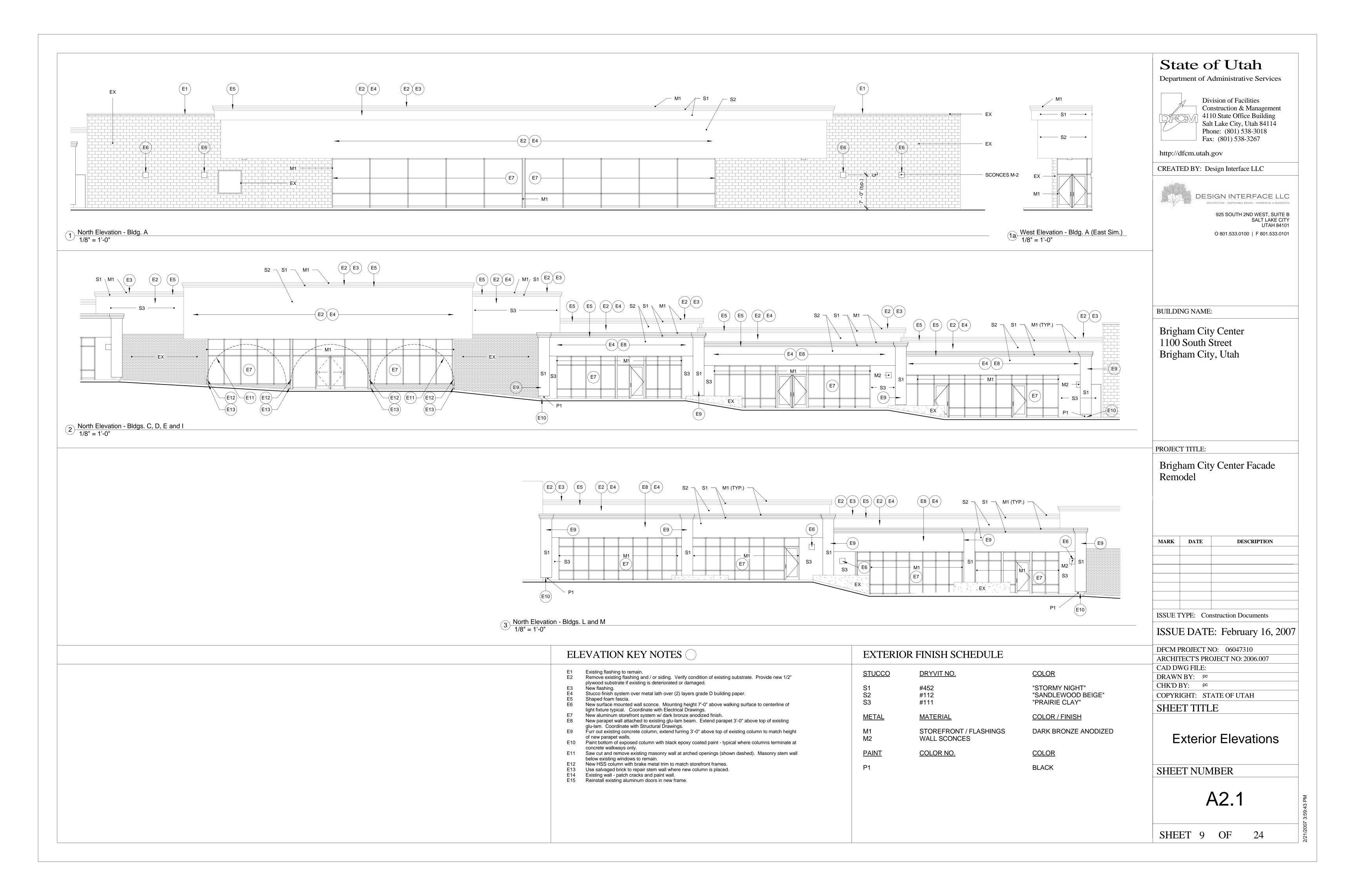
SHEET TITLE

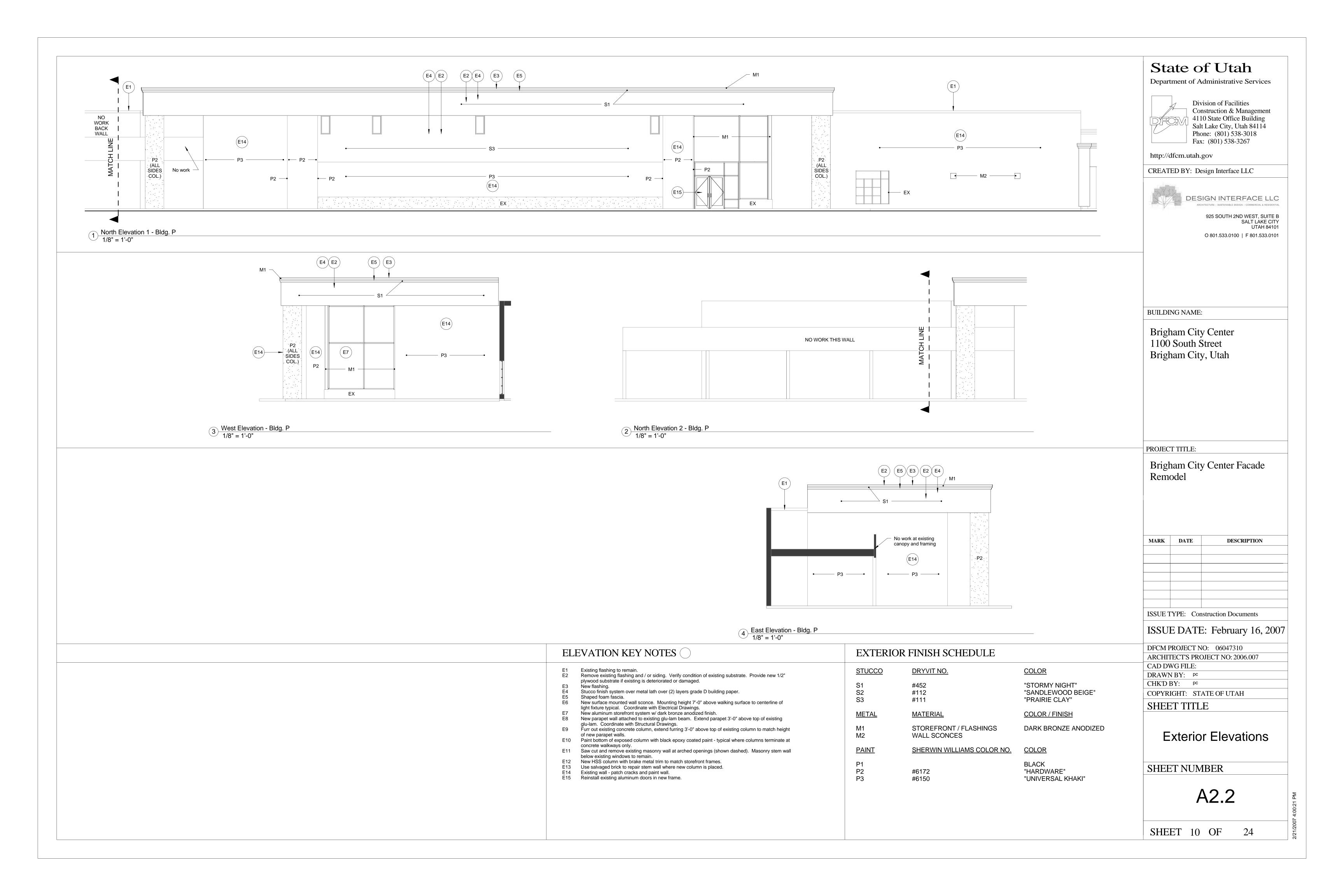
Roof Plan

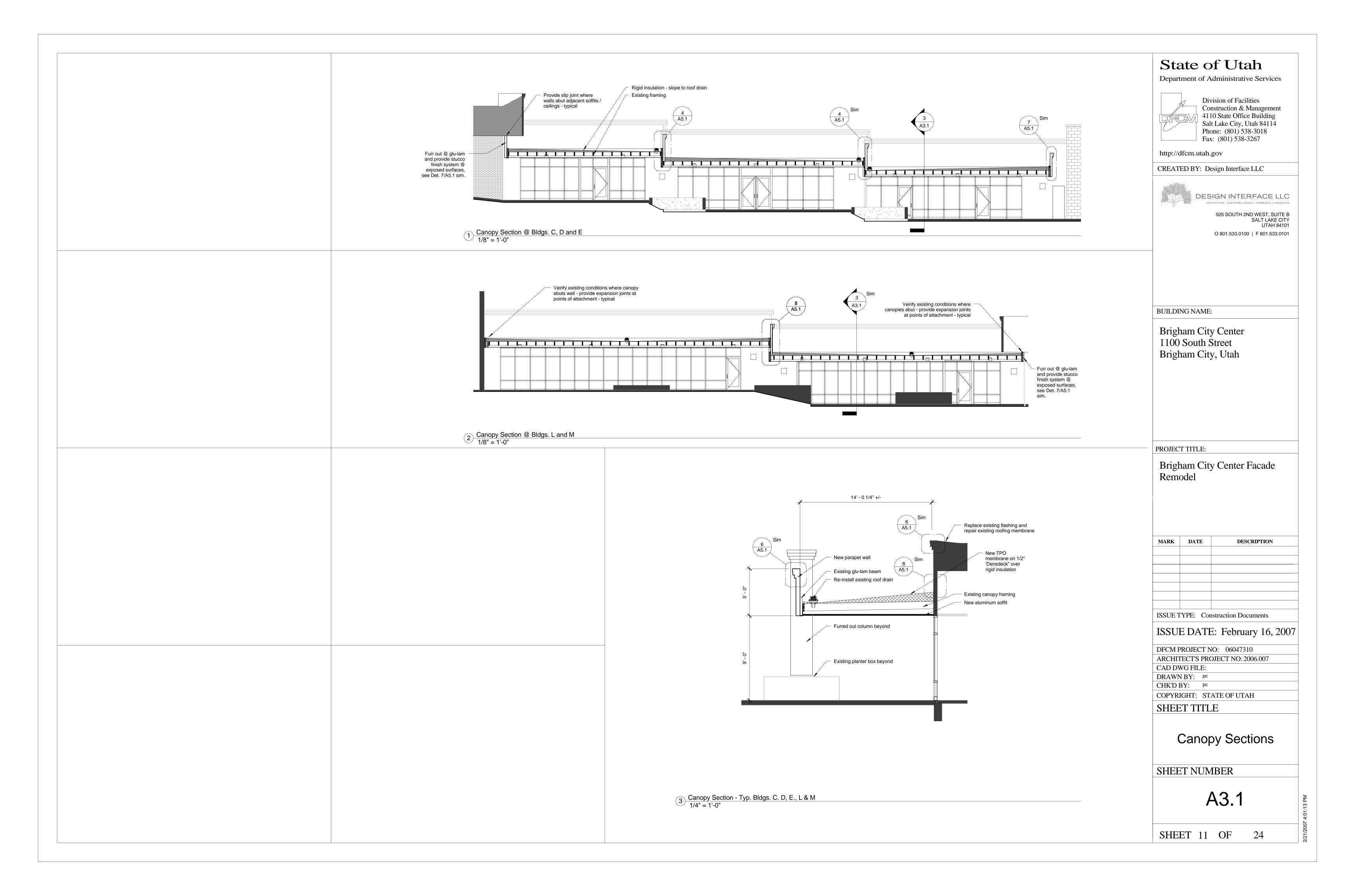
SHEET NUMBER

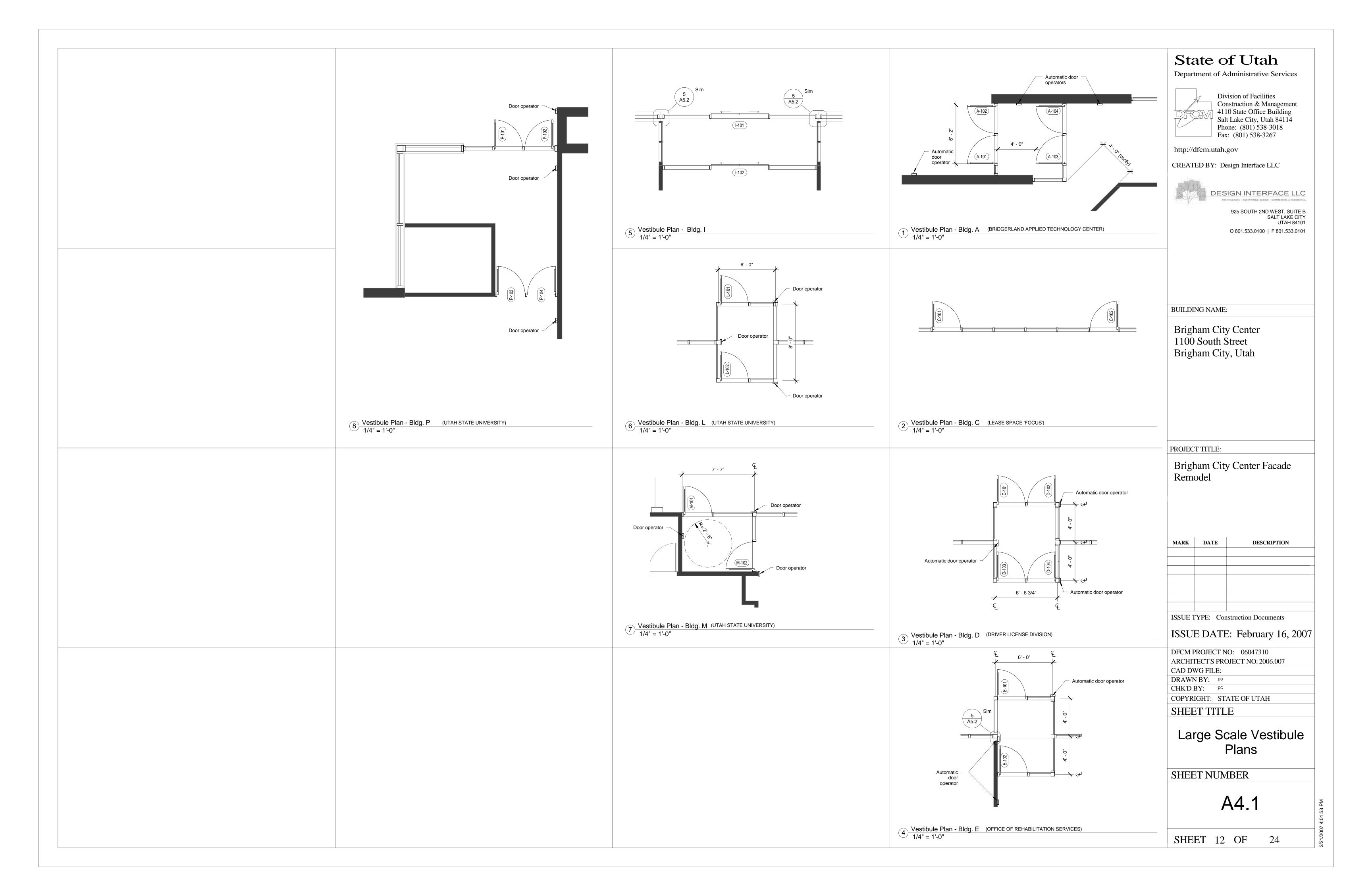
A1.6

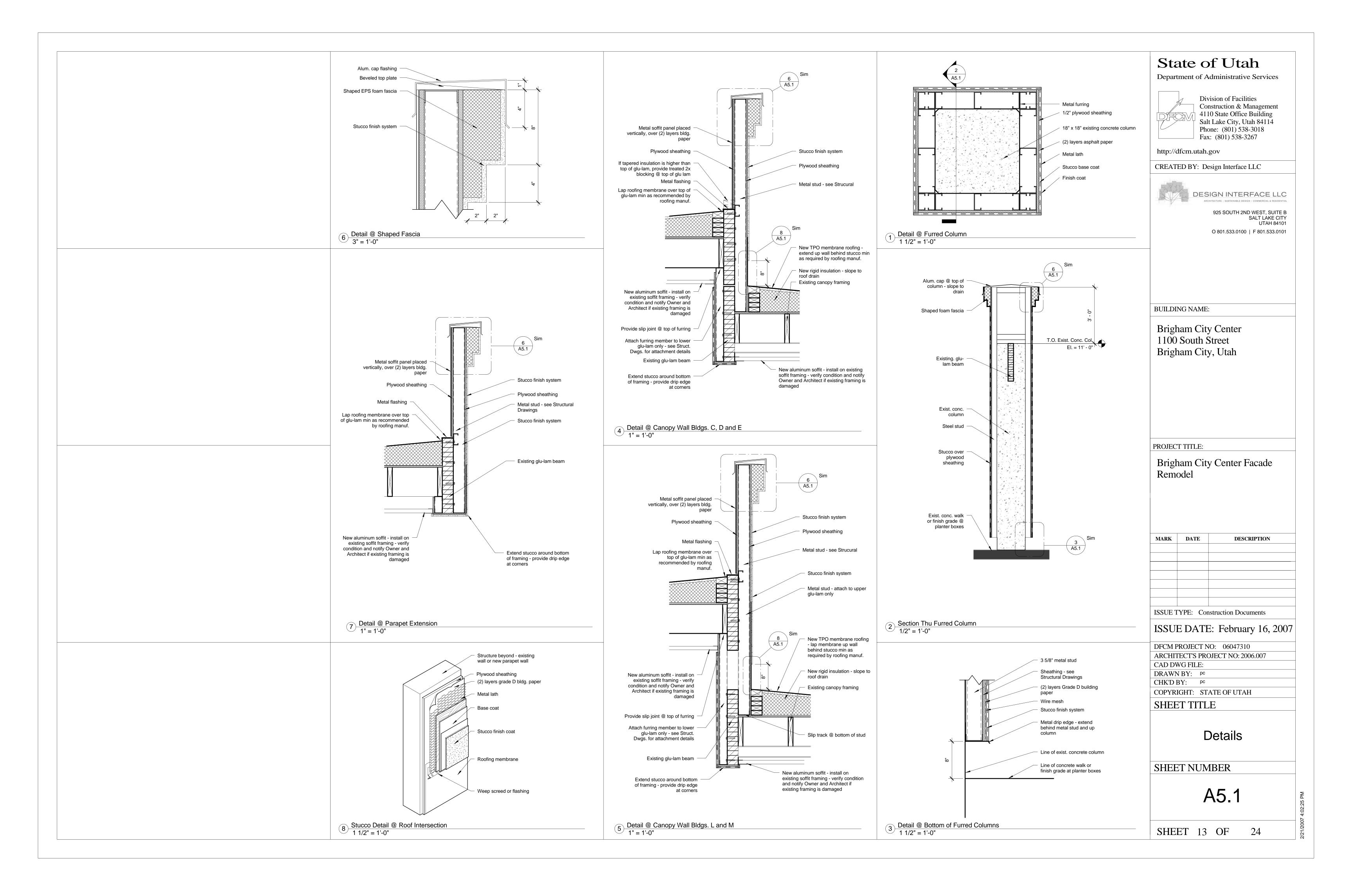
SHEET 8 OF

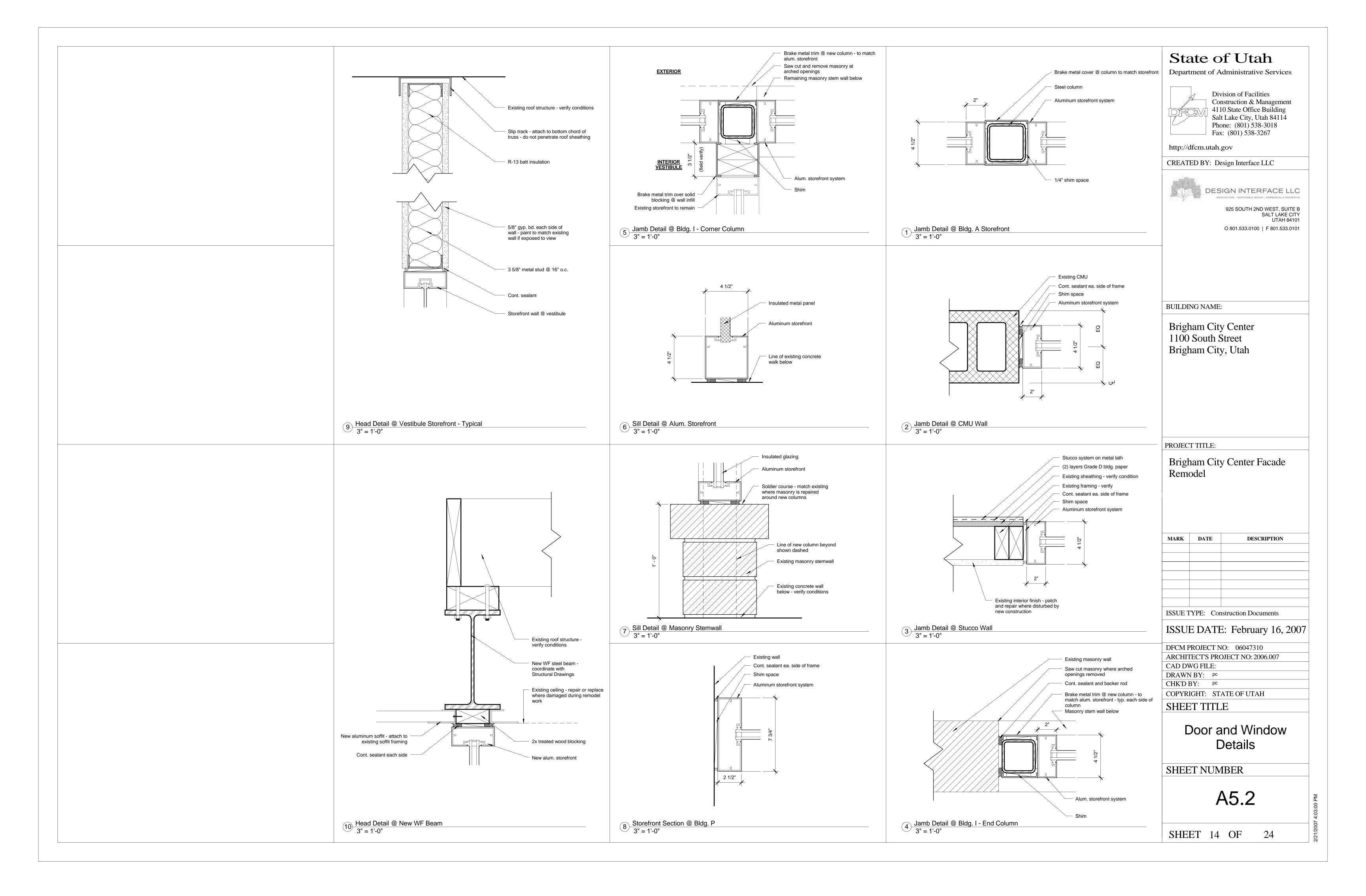












Door			Door			
Number	Width	Height	Material	Finish	Hardware	Comments
A-101	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 1	
A-102	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 2	Electric push plate operator
A-103	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 1	
A-104	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 2	Electric push plate operator
A-105	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 1	
A-106	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 2	Electric push plate operator
A-107	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 1	
A-108	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 2	Electric push plate operator
C-101	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 3	
C-102	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 3	
D-101	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 3	
D-102	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 4	Electric push plate operator
D-103	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 3	
D-104	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 4	Electric push plate operator
E-101	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 4	Electric push plate operator
E-102	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 4	Electric push plate operator
I-101	6' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized		Sliding door
I-102	6' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized		Sliding door
L-101	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 4	Electric push plate operator
L-102	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 4	Electric push plate operator
M-101	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 4	Electric push plate operator
M-102	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 4	Electric push plate operator
P-101	3' - 0"	7' - 0"	Existing Alum.	Existing	Group 1	
P-102	3' - 0"	7' - 0"	Existing Alum.	Existing	Group 2	Electric push plate operator
P-103	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 1	
P-104	3' - 0"	7' - 0"	Alum.	Dk. Bronze Anodized	Group 2	Electric push plate operator

	Glazing Schedule								
Mark	Glazing / Panel Types								
Α	1" insulated low-e glazing - grey tinted								
В	Tempered 1" insulated low-e glazing - grey tinted								
С	1" insulated metal panel - dark bronze match storefront finish								
D	1/4' tempered clear glazing								
E	1/4" clear glazing								

# State of Utah

Department of Administrative Services



Division of Facilities
Construction & Management
4110 State Office Building
Salt Lake City, Utah 84114
Phone: (801) 538-3018
Fax: (801) 538-3267

http://dfcm.utah.gov

CREATED BY: Design Interface LLC



DESIGN INTERFACE LLC

925 SOUTH 2ND WEST, SUITE B SALT LAKE CITY UTAH 84101 O 801.533.0100 | F 801.533.0101

BUILDING NAME:

Brigham City Center 1100 South Street Brigham City, Utah

PROJECT TITLE:

Brigham City Center Facade Remodel

MARK DATE DESCRIPTION

ISSUE TYPE: Construction Documents

ISSUE DATE: February 16, 2007

DFCM PROJECT NO: 06047310

ARCHITECT'S PROJECT NO: 2006.007

CAD DWG FILE:

DRAWN BY: PC

CHK'D BY: PC

COPYRIGHT: STATE OF UTAH

SHEET TITLE

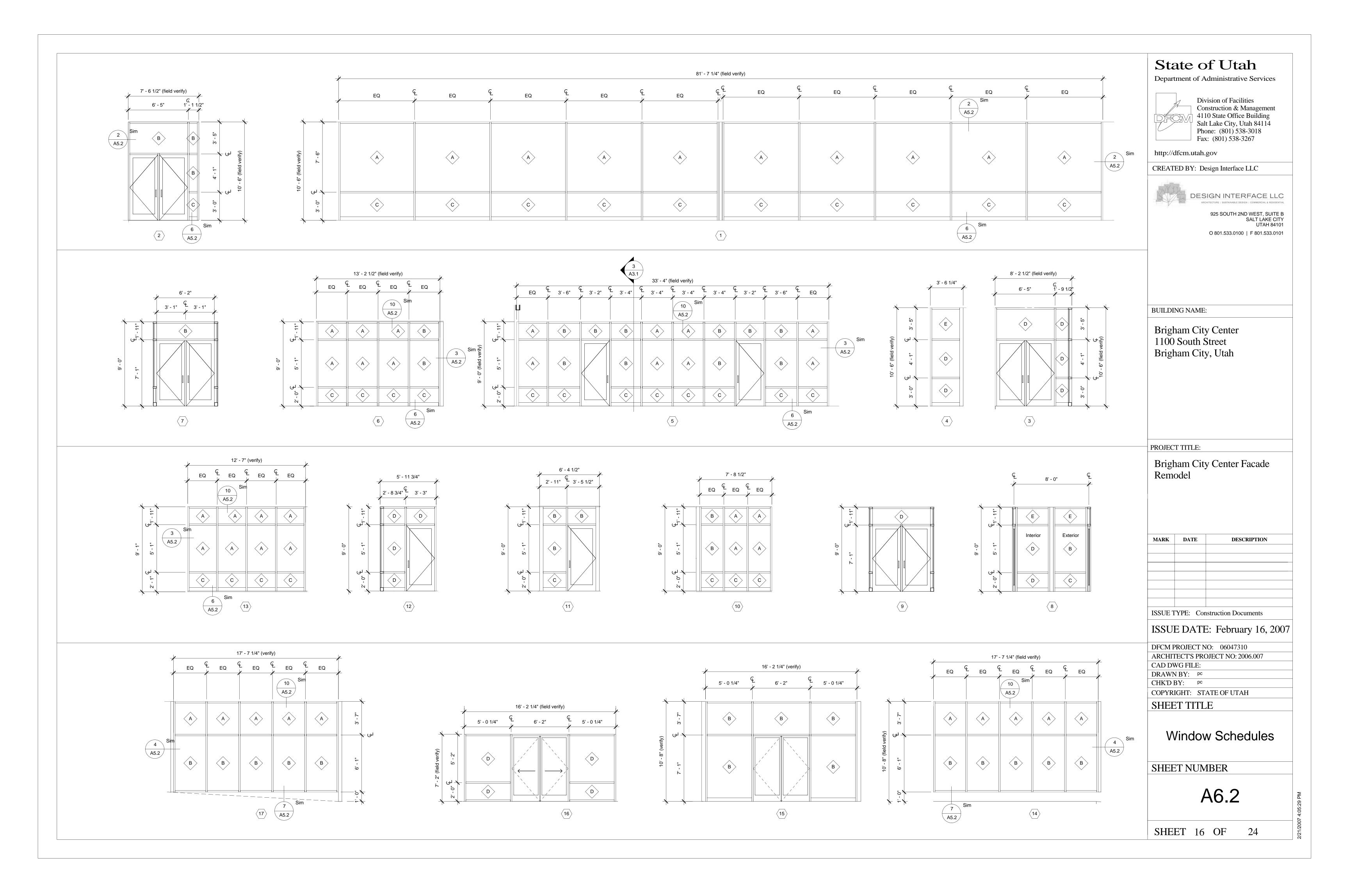
Door and Glazing Schedules

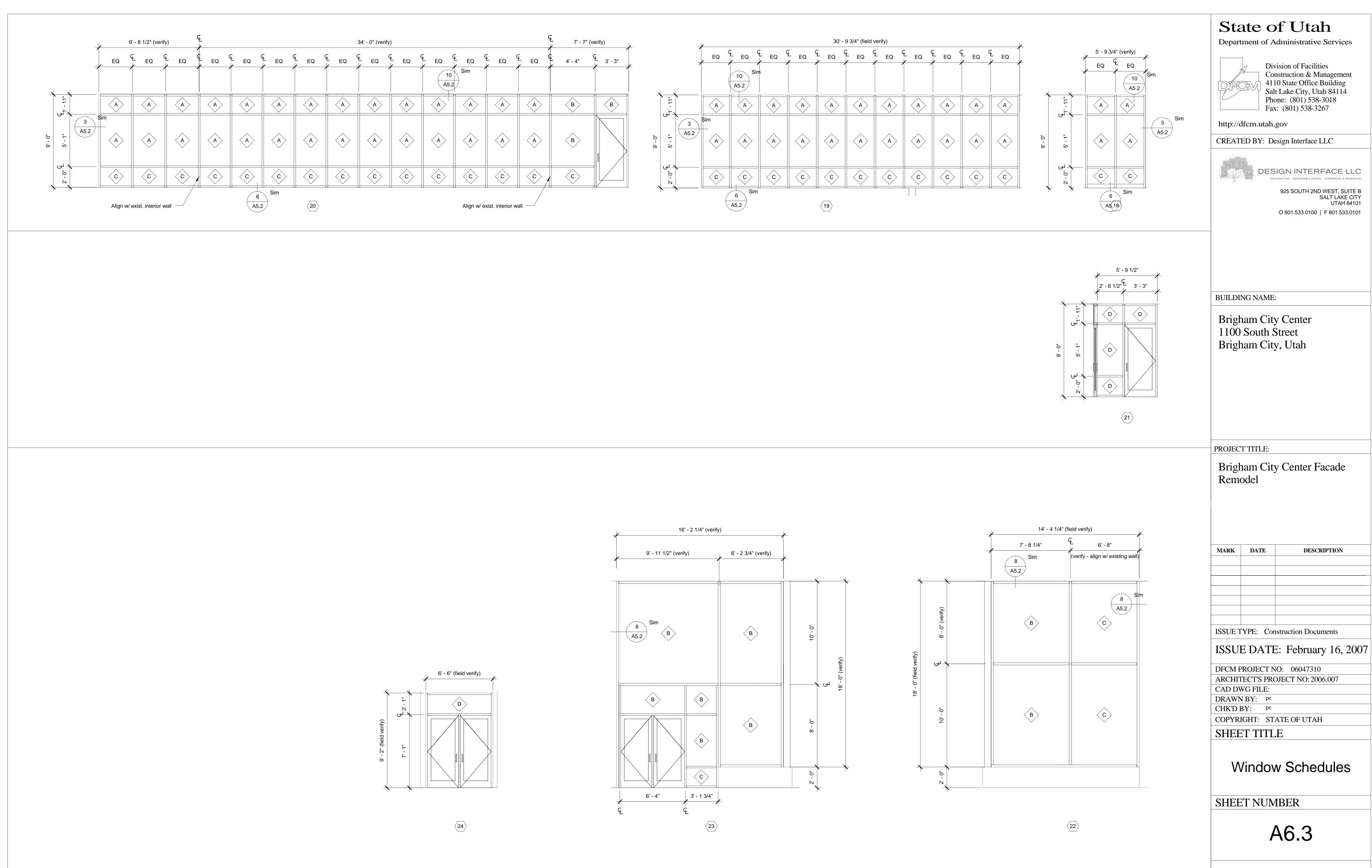
SHEET NUMBER

A6.1

SHEET 15 OF 24

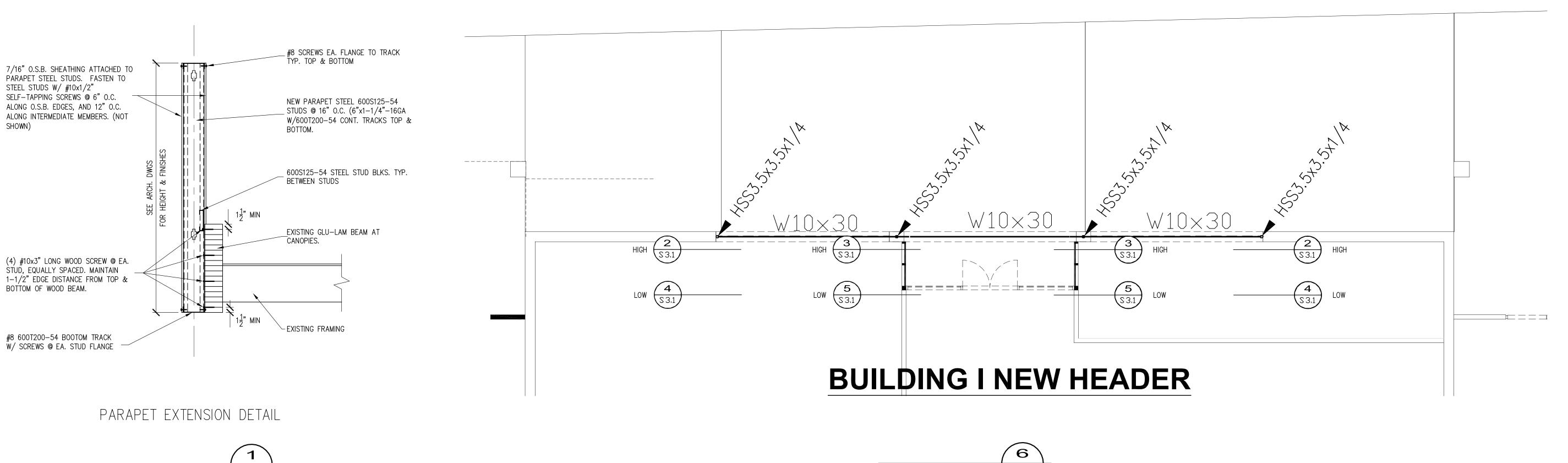
2/21/2007 4:04:45 PM

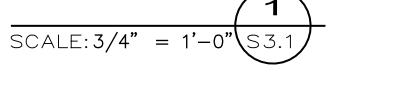


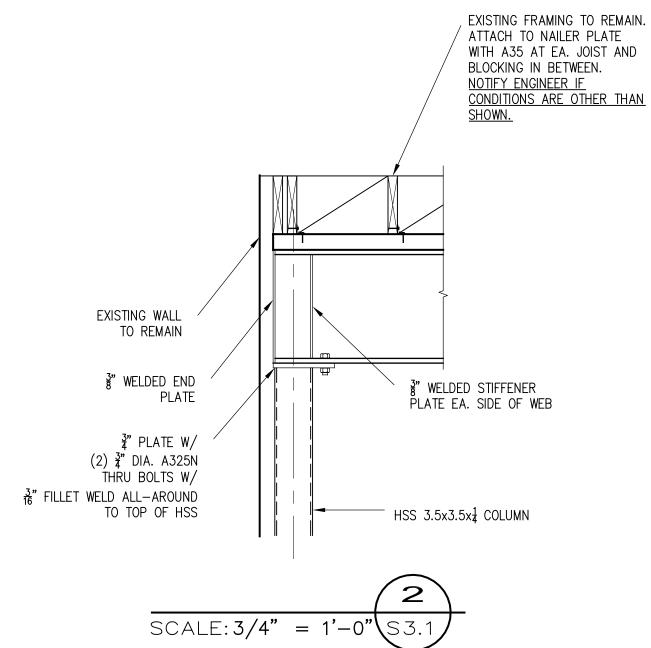


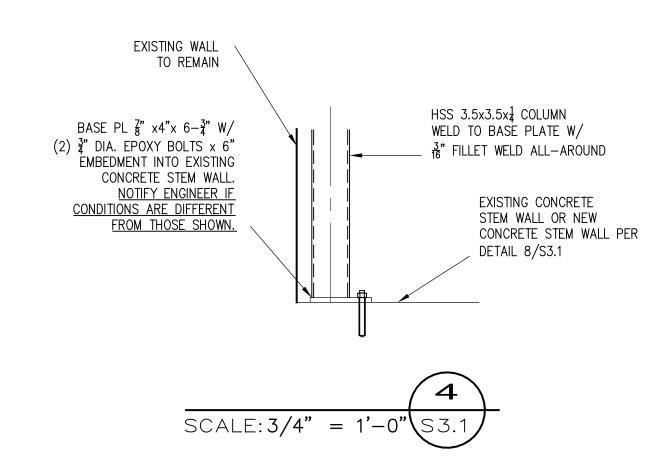
/21/2007 4:10:59 PM

SHEET 17 OF 24

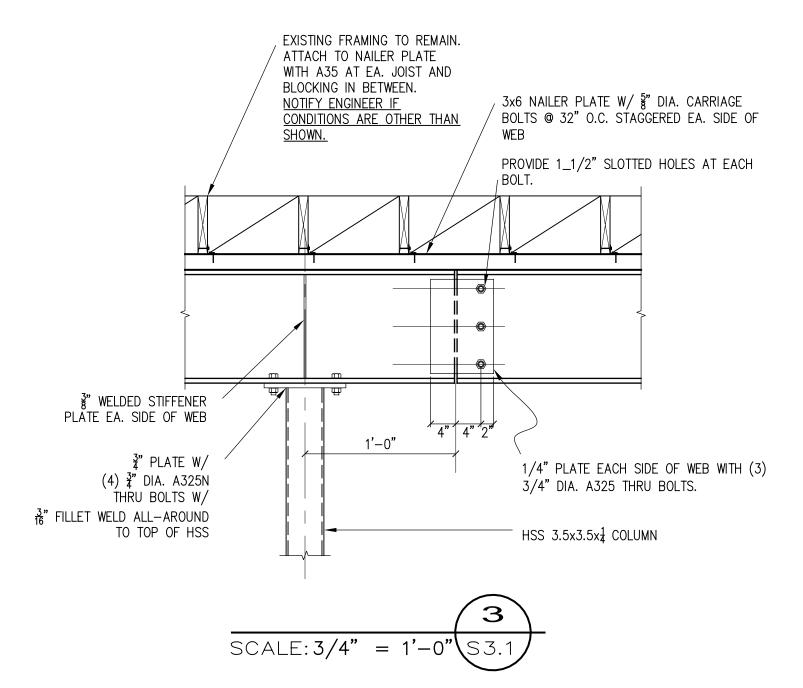


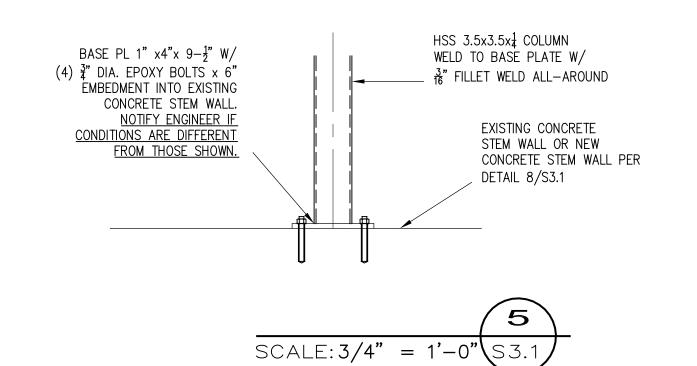


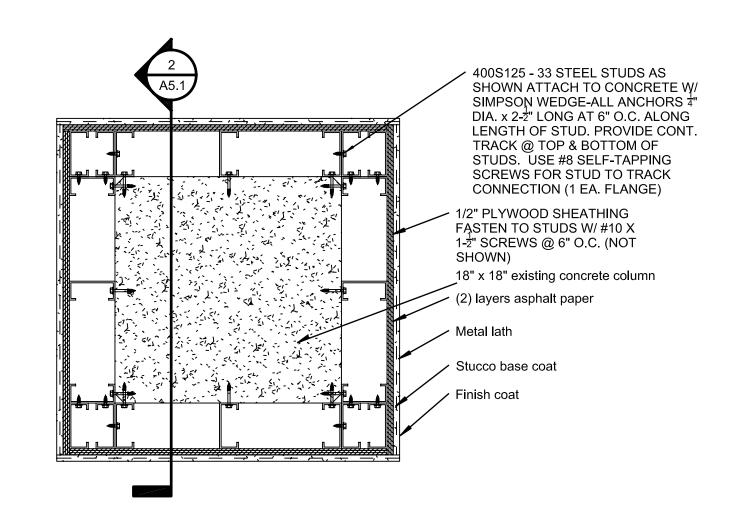


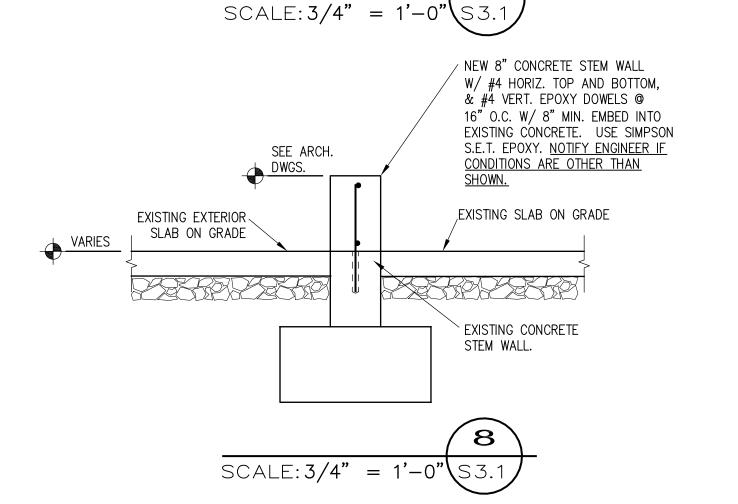












State of Utah

Department of Administrative Services



Division of Facilities Construction & Management 4110 State Office Building Salt Lake City, Utah 84114 Phone: (801) 538-3018 Fax: (801) 538-3267

http://dfcm.utah.gov

CREATED BY: Design Interface LLC

925 SOUTH 2ND WEST, SUITE B SALT LAKE CITY UTAH 84101 O 801.533.0100 | F 801.533.0101

**BUILDING NAME:** 

Brigham City Center Brigham City, Utah

PROJECT TITLE:

Brigham City Center Facade Remodel

DATE	DESCRIPTION
	DATE

ISSUE TYPE:

ISSUE DATE: February 20, 2007

DFCM PROJECT NO: 06047310 ARCHITECT'S PROJECT NO2006.007

CAD DWG FILE:

DRAWN BY: pc

CHK'D BY: pc

COPYRIGHT: STATE OF UTAH

SHEET TITLE

STRUCTURAL **DETAILS** 

SHEET NUMBER

S 3.1

SYMB <i>O</i> L	DESCRIPTION	MOUNTING	REMARKS
\$	SINGLE-POLE TOGGLE SWITCH	+48"	
\$ <sup>a</sup>	SINGLE-POLE TOGGLE SWITCH	+48"	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED.
\$2	DOUBLE-POLE TOGGLE SWITCH	+48"	
\$ <sub>3</sub>	THREE-WAY TOGGLE SWITCH	+48"	
\$ <sub>4</sub>	FOUR-WAY TOGGLE SWITCH	+48"	
\$ <sub>K</sub>	KEY-OPERATED SINGLE-POLE TOGGLE SWITCH	+48"	
\$ <sub>P</sub>	SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT	+48"	
\$ <sub>DIM</sub>	DIMMER SWITCH	+48"	RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE
\$ <sub>TIM</sub>	TIMER SWITCH	+48"	
\$\$	(2) SINGLE-POLE TOGGLE SWITCH	+48"	DUAL LEVEL SWITCH OUTBOARD LAMPS SEPARATELY FROM INBOARD LAMPS.
\$ <sub>L</sub>	LOW VOLTAGE MOMENTARY CONTACT SWITCH	+48"	
\$ <sub>3PM</sub>	3-POSITION MOMENTARY CONTACT SWITCH	+48"	REFER TO DETAIL UP-ON; CENTER-NEUTRAL; DOWN-OFF
\$ <sub>3PN</sub>	3-POSITION MAINTAINED CONTACT SWITCH	+48"	UP-ON; CENTER-OFF; DOWN-ON
<b>●</b> C/W	OCCUPANCY SENSOR	AS NOTED	CEILING MOUNTED WITH SUBSCRIPT 'C'; WALL-MOUNTED WITH SUBSCRIPT 'W'
<b>=</b>	SPLIT-WIRED DUPLEX RECEPTACLE	+18"	
$\ominus$	SIMPLEX RECEPTACLE	+18"	
$\Rightarrow$	DUPLEX RECEPTACLE	+18"	
<b>#</b>	FOURPLEX RECEPTACLE	+18"	
€	125/250V RECEPTACLE	+18"	RANGE NEMA 14-50R DRYER NEMA 14-30R
₽	GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE	+18"	
<b>\(\phi\)</b>	GROUND FAULT CIRCUIT INTERRUPTER FOURPLEX RECEPTACLE	+18"	
<b>=</b>	EMERGENCY DUPLEX RECEPTACLE	+18"	
<u></u>	EMERGENCY FOURPLEX RECEPTACLE	+18"	
D— - —	MULTI-OUTLET ASSEMBLY	4" ABOVE BACKSPLASH	
	POWER / TELEPHONE POLE	FLOOR/CEILING	
<b>♦</b>	CORD DROP WITH DUPLEX RECEPTACLE	+18"	REFER TO DETAIL
(5-20R)	SPECIAL PURPOSE OUTLET	+ 8"	SUBSCRIPT IN PARENTHESIS INDICATES NEMA CONFIGURATION IF SHOWN. REFER TO DRAWINGS AND/OR EQUIPMENT SCHEDULES. CONFIRM EXACT CONFIGURATION WITH OWNER PRIOR TO INSTALLATION.

		PRIOR TO INS	TALLATION.
	GEAR AND CONTROL SYMBO	LS	
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
\$⊤	MANUAL STARTER WITH THERMAL OVERLOAD(S)	AT EQUIPMENT	
9	ELECTRIC MOTOR		
	NON-FUSED DISCONNECT SWITCH	+60"	
F	FUSED DISCONNECT SWITCH	+60"	
	CIRCUIT BREAKER AND ENCLOSURE	+60"	
	MAGNETIC STARTER	+60"	
	COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT	+60"	
D'	COMBINATION MAGNETIC STARTER / FUSED DISCONNECT	+60"	
$\square$	COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP)	+60"	
VFD	COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP)	FLOOR OR WALL AS SPECIFIED	TOP AT +72" IF WALL MOUNTED
RVS	REDUCED VOLTAGE STARTER	FLOOR OR WALL AS SPECIFIED	TOP AT +72" IF WALL MOUNTED
_	LOAD CENTER (SURFACE-MOUNTED)	TOP AT +72"	14"W × 3"D
_	LOAD CENTER (FLUSH-MOUNTED)	TOP AT +72"	14"W X 3"D
	LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED)	TOP AT +72"	20"W X 6"D
	LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED)	TOP AT +72"	20"W X 6"D
	POWER DISTRIBUTION PANELBOARD	WALL	THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION.
	SWITCHBOARD	FL <i>OO</i> R	CROSS HATCHING INDICATES  "MAIN PANELBOARD OR SWITCHBOARD"  NAME IS INDICATED IN SEMI-QUOTES (I.E. 'L2A', 'MDP')
Ф	METER BASE	TOP AT +72"	
•	OPEN - STOP - CLOSE SWITCH	+60"	FURNISH SWITCH UNLESS FURNISHED BY ANOTHER DIVISION. INSTALL AND CONNECT COMPLETE. REFER TO RELATED SPECIFICATION SECTIONS.
(†)	HVAC THERMOSTAT	+60"	PROVIDED BY DIVISION 15000 U.N.O.
Ø	HAND - OFF - AUTO SWITCH	+60"	
<b>€</b> P <b>-</b>	GROUND FAULT PROTECTION		

	LIGHTING SYMI	3 <i>0</i> LS	
SHA	HT FIXTURE SYMBOLS ARE GENERAL IN NATURE AND MAY BE PES. REFER TO THE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION.		
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
<b>□</b> □ □ □ □	ARM-MOUNTED SINGLE-HEAD LIGHT FIXTURE AND POLE	AS SPECIFIED OR DETAILED	
	ARM-MOUNTED DOUBLE-HEAD LIGHT FIXTURE AND POLE	AS SPECIFIED OR DETAILED	
	POST-TOP SINGLE-HEAD, LIGHT FIXTURE AND POLE	AS SPECIFIED OR DETAILED	
	WALL-MOUNTED FIXTURE	AS SPECIFIED OR DETAILED	REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGH
<b>O</b> O	LIGHT BOLLARD	AS SPECIFIED OR DETAILED	
$\Leftrightarrow$	FLOOD LIGHT	AS SPECIFIED OR DETAILED	
ф	RECESSED WALL FIXTURE OR STEP LIGHT	AS SPECIFIED OR DETAILED	REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGH
•	FLUORESCENT LIGHT FIXTURES	AS SPECIFIED OR DETAILED	
	PARABOLIC - LOUVERED LIGHT FIXTURES	AS SPECIFIED OR DETAILED	
•	RECESSED INDIRECT FLUORESCENT LIGHT FIXTURES	AS SPECIFIED OR DETAILED	
•	WALL-MOUNTED LINEAR FLUORESCENT LIGHT FIXTURE	AS SPECIFIED OR DETAILED	
	FLUORESCENT LINEAR WALL WASHER	AS SPECIFIED OR DETAILED	
	RECESSED DOWN LIGHT	AS SPECIFIED OR DETAILED	
	RECESSED WALL-WASHER OR DIRECTIONAL DOWNLIGHT	AS SPECIFIED OR DETAILED	IF SHOWN, ARROW INDICATES AIMING DIRECTION
0	SURFACE OR PENDANT-MOUNTED LIGHT FIXTURE	AS SPECIFIED OR DETAILED	
Ю	WALL-MOUNTED LIGHT FIXTURE	AS SPECIFIED OR DETAILED	REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGH
$\Diamond$	TRACK OR MONO-POINT LIGHT FIXTURE	AS SPECIFIED OR DETAILED	IF SHOWN, ARROW INDICATES AIMING DIRECTION
D	WALL SCONCE	AS SPECIFIED OR DETAILED	
•	FLUORESCENT EGRESS LIGHT FIXTURE	AS SPECIFIED OR DETAILED	THIS IS AN <u>EXAMPLE</u> OF AN EGRESS LIGHT FIXTURE. EGRESS LIGHT FIXTUI ARE HALF-SHADED DIAGONALLY.
•	FLUORESCENT EMERGENCY (NON-EGRESS) LIGHT FIXTURE	AS SPECIFIED OR DETAILED	THIS IN AN <u>EXAMPLE</u> OF AN EMERGENCY (NON-EGRESS) LIGHT FIXTU EMERGENCY FIXTURES ARE FULLY-SHAD
⊗	CEILING MOUNTED EXIT SIGN	CEILING	DARKENER RORTION OF COMMISSION
Ю	WALL-MOUNTED EXIT SIGN	WALL ABOVE DOOR	DARKENED PORTION OF SIGN INDICA FACE(9); ARROW(9) INDICATE CHEVRO
Ю	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE	WALL ABOVE DOOR	DIRECTION(S)
TC	TIME CLOCK		
ď,	EMERGENCY LIGHT FIXTURE	AS NOTED	

ACCESS CONTROL SYMBOLS									
SYMBOL	DESCRIPTION	MOUNTING	REMARKS						
REX	REQUEST-TO-EXIT MOTION DETECTOR	CEILING							
\$	ELECTROMAGNETIC DOOR STRIKE	DOOR							
$\Diamond$	MAGNETIC DOOR CONTACT SWITCH	DOOR							
$\Diamond$	MAGNETIC LOCK	DOOR							
K	KEYPAD	+48"							
PK	PROXIMITY CARD READER / KEYPAD	+48"							
MK	MAGNETIC STRIP CARD READER / KEYPAD	+48"							
PR	PROXIMITY CARD READER	+48"							
MR	MAGNETIC STRIP CARD READER	+48"	_						

ELECTRIC PHOTOCELL

LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE)

MOUNT ON ROOF FACING NORTH SKY

#### ELECTRICAL SYMBOL SCHEDULE GENERAL NOTES

- MOUNT ALL OUTLETS, DEVICES, AND EQUIPMENT AT HEIGHTS INDICATED BELOW, UNLESS NOTED OTHERWISE ON THE DRAWINGS. UNLESS NOTED OTHERWISE, HEIGHTS ARE GIVEN FROM FINISHED FLOOR TO CENTER OF OUTLET BOX.
- WHERE OUTLETS, DEVICES, AND EQUIPMENT ARE NOTED BY SUBSCRIPTS, REFER TO ABBREVIATION SCHEDULE FOR DEFINED REQUIREMENTS.
- WHERE OUTLETS, DEVICES AND EQUIPMENT ARE NOTED BY THE SUBSCRIPT 'A', MOUNT AT 4" ABOVE COUNTER. IF COUNTER HAS A BACK SPLASH, MOUNT AT 4" ABOVE BACK SPLASH. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS AND COORDINATE WITH CASEWORK SUPPLIER.
- NOT ALL ELECTRICAL SYMBOLS MAY BE USED.

GENERAL SYMBOLS									
SYMBOL	DESCRIPTION	REMARKS							
$\bigotimes$	KEYED NOTE								
I E-I	DETAIL REFERENCE	TOP NUMBER INDICATES DETAIL NUMBER; BOTTON LETTER-NUMBER INDICATES DRAWING SHEET WHE DETAIL IS SHOWN; WHERE NOT SPECIFICALLY REFERENCED, DETAIL IS GENERAL IN NATURE AND SHALL APPLY WHERE APPLICABLE.							
2 E-2	ELEVATION REFERENCE	TOP NUMBER INDICATES ELEVATION NUMBER; BOTTOM LETTER-NUMBER INDICATES WHERE ELEVATION IS SHOWN.							
3 E-3	SECTION REFERENCE	TOP NUMBER INDICATES SECTION NUMBER; BOTTO LETTER NUMBER INDICATES WHERE SECTION IS SHOWN.							
100	ARCHITECTURAL ROOM NUMBER								
AHU I	EQUIPMENT NAME / NUMBER	TOP NUMBER ABBREVIATES EQUIPMENT NAME OR TYPE; BOTTOM NUMBER INDICATES EQUIPMENT NUMBER. REFER TO EQUIPMENT SCHEDULE.							
$\triangle$	REVISION NUMBER	USED TO DENOTE CHANGES EITHER ISSUED BY ADDENDUM OR DURING CONSTRUCTION AND TO DENOTE RECORD DRAWING CHANGES.							
	BREAKLINE	USED TO BREAK DRAWINGS.							

BRANCH CIRCUITING SYMBOLS									
SYMBOL	DESCRIPTION	REMARKS							
	I CIRCUIT, 2 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	ARROWS: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS REQUIRED.							
#	2 CIRCUIT, 3 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	SHORT CROSS LINES: NUMBER OF SHORT CROSS LINES INDICATES NUMBER OF PHASE, TRAVELER, AND/OR SWITCHED CONDUCTORS REQUIRED IF GREATER THAN I (ONE).							
	3 CIRCUIT, 4 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	LONG CROSS LINES: NUMBER OF LONG CROSS LINES INDICATES NUMBER OF NEUTRAL CONDUCTORS REQUIRED FOR MULTI-WIRE HOME RUNS,							
	MULTIPLE WIRE BRANCH CIRCUITING BETWEEN FIXTURES, SWITCHES, DEVICES, ETC.	EQUIPMENT GROUND AND ISOLATED GROUND CONDUCTORS: EQUIPMENT GROUND AND ISOLATED GROUND CONDUCTORS ARE NOT SHOWN, BUT ARE REQUIRED AS NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS.							
o	BRANCH CIRCUITING (U.N.O.) TURNED UP OR TOWARDS OBSERVER.								
	BRANCH CIRCUITING (U.N.O.) TURNED DOWN OR AWAY FROM OBSERVER.								
<del></del>	BRANCH CIRCUITING (U.N.O.) CONTINUATION								
	CONDUIT STUB-IN	CAP AND MARK							
<	INCOMING SERVICE								
0	JUNCTION BOX	MOUNT AS NOTED. SUBSCRIPT 'F' INDICATES TO PROVIDE A FLOOR BOX WITH BLANK COVERPLATE							

#### ELECTRICAL SHEET INDEX

ELECTRICAL SYMBOL SCHEDULE E0.2 SCHEDULES & DETAILS EI.O OVERALL SITE PLAN ELECTRICAL DEMOLITION PLAN EI.I E2.I LIGHTING PLAN

POWER PLAN

E3.I

FLA | FULL LOAD AMPS

HOA HAND-OFF-AUTO HP HORSE POWER

INSULATED

FMC | FLEXIBLE METAL CONDUIT FOB FREIGHT ON BOARD

ISOLATED GROUND

GND | GROUND CONDUCTOR

#### ABBREVIATION SCHEDULE

NOTE: NOT ALL ABBREVIATIONS MAY BE USED. ABOVE COUNTER ISO ISOLATED AMP OR AMPS KVA KILO VOLT AMPERES ADJ ADJACENT KW KILOWATTS LFMC | LIQUID-TIGHT METAL CONDUIT AFF ABOVE FINISHED FLOOR LFNC | LIQUID-TIGHT NONMETAL CONDUIT AHJ AUTHORITY HAVING JURISDICTION MCA MINIMUM CIRCUIT AMPS
MLO MAIN LUGS ONLY ALUMINUM CONDUIT N.C. NORMALLY CLOSED CB | CIRCUIT BREAKER CKT | CIRCUIT N.I.C. NOT IN CONTRACT C.O.'S CONVENIENCE OUTLETS N.L. NIGHT LIGHT CU COPPER NORMALLY OPEN EA EACH O.C. ON CENTER(S) 'ELEC | ELECTRICAL OCP OVER CURRENT PROTECTION QTY QUANTITY EM EMERGENCY EMT | ELECTRIC METALLIC TUBING R REMOVE REQ. REQUIREMENTS ENT | ELECTRIC NONMETALLIC TUBING EQUIP EQUIPMENT RMC RIGID METAL CONDUIT EWC | ELECTRIC WATER COOLER RIGID NONMETALLIC CONDUIT RNC E, EX EXISTING REMOVE AND RELOCATE EXPLOSION PROOF SURGE SUPPRESSION FA FIRE ALARM

FACP | FIRE ALARM CONTROL PANEL TYP | W/ | WITH INTERMEDIATE METAL CONDUIT

SCP SECURITY CONTROL PANEL TAMPER RESISTANT TYPICAL TVSS TRANSIENT VOLTAGE SURGE SUPPRESSOR UF UNDER FLOOR UG UNDERGROUND U.N.O. UNLESS NOTED OTHERWISE WP WEATHER PROOF | XFMR | TRANSFORMER

GENERAL PROJECT NOTES:

I. DIVISION 16000 CONTRACTOR IS RESPONSIBLE FOR READING AND APPLYING WHAT IS IN THE SPECIFICATIONS TO THIS PROJECT. ANYTHING THAT IS NOT INCLUDED ON THE PROJECT THAT IS CALLED OUT IN THE SPECIFICATION SHALL BE LISTED ON THE SUBSTANTIAL COMPLETION PUNCHLIST. THE CONTRACTOR WILL BE REQUIRED TO REMEDY THESE DEFICIENCIES. THERE WILL BE NO EXCEPTIONS.

- 2. THE CONTRACTOR MAY SCHEDULE A PRE-CONSTRUCTION MEETING , AT THEIR DISCRETION WITH THE ELECTRICAL ENGINEER AND REVIEW THE DRAWINGS AND SPECIFICATIONS. THE MEETING SHALL BE A MAXIMUM OF ONE HOUR AND SHALL TAKE PLACE AT THE ENGINEER'S OFFICE.
- 3. THE FOLLOWING ITEMS ARE SOME OF THE REQUIREMENTS THAT ARE LISTED IN THE SPECIFICATIONS, THESE ITEMS DO NOT REPRESENT ALL ITEMS AND THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL REQUIREMENTS OF THE SPECIFICATIONS:
- A. INSULATED THROAT CONNECTORS OR PLASTIC BUSHINGS SHALL BE UTILIZED FOR ALL CONDUIT SIZES USED ON THIS PROJECT.
- B. A #10 AWG NEUTRAL CONDUCTOR WILL BE PROVIDED FOR ALL FLUORESCENT LIGHTING CIRCUITS.
- C. THE CONTRACTOR IS RESPONSIBLE FOR UPSIZING CONDUCTORS FOR VOLTAGE DROP PER THE NEC REGARDLESS OF WHETHER IT IS SHOWN ON THE PLANS OR
- D. THE CONTRACTOR SHALL LABEL ALL ELECTRICAL EQUIPMENT AS IT IS CALLED OUT IN THE SPECIFICATIONS.
- E. THE CONTRACTOR SHALL PROVIDE SEISMIC SUPPORT AND BRACING FOR ALL ELECTRICAL EQUIPMENT AS REQUIRED BY LOCAL AND NATIONAL CODE.
- 4. THE CONTRACTOR SHALL FOLLOW THE PANELBOARD SCHEDULES AS INDICATED IN THE DRAWINGS. EACH CIRCUIT BREAKER HAS BEEN ASSIGNED A SPECIFIC AREA OF THE BUILDING. NO DEVIATION WILL BE ALLOWED WITHOUT THE APPROVAL FROM THE ELECTRICAL ENGINEER.
- 5. THE CONTRACTOR SHALL INSTALL PROPER WIRE SIZE AS CALLED OUT ON THE PANELBOARD SCHEDULES. HOWEVER, THE CONTRACTOR IS RESPONSIBLE TO ENSURE THE WIRE IS LARGE ENOUGH FOR VOLTAGE DROP.
- 6. THE CONTRACTOR SHALL VERIFY ALL MECHANICAL OVERPROTECTION DEVICES FOR THE ACTUAL MECHANICAL EQUIPMENT SUPPLIED ON THE JOB, PRIOR TO RELEASE OF ANY ELECTRICAL DISTRIBUTION EQUIPMENT. CONTACT THE ELECTRICAL ENGINEER WITH ANY DISCREPANCIES.
- 7. THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING THE BID, AND SHALL EXAMINE ALL PHYSICAL CONDITIONS WHICH MAY BE MATERIAL TO THE PERFORMANCE OF HIS WORK. NO EXTRA PAYMENTS WILL BE ALLOWED TO THE CONTRACTOR AS A RESULT OF EXTRA WORK MADE NECESSARY BY HIS FAILURE TO DO SO. ANY CASE OF DISCREPANCY OR LACK OF CLARITY SHALL BE PROMPTLY IDENTIFIED TO THE OWNER'S REPRESENTATIVE AND THE ENGINEER FOR CLARIFICATION.
- 8. THE CONTRACTOR SHALL MAKE SURE THAT ALL BRANCH CIRCUITS THAT ARE AFFECTED BY THIS PROJECT ARE NOT OVERLOADED. PROVIDE ADDITIONAL BRANCH CIRCUITS FROM ELECTRICAL PANELS AS NECESSARY TO COMPLY WITH THE BRANCH CIRCUIT LOADING REQUIREMENTS. PROVIDE ALL MATERIAL AND LABOR AS NECESSARY FOR A COMPETE AND OPERATING SYSTEM.
- 9. PROVIDE UPDATED, TYPED PANELBOARD SCHEDULE(S) TO REFLECT ALL THE CHANGES MADE INCLUDING EXISTING LOADS. THE EXISTING LOADS SHALL BE NAMED THE SAME AS LISTED ON THE EXISTING PANELBOARD SCHEDULE.

### State of Utah

Department of Administrative Services



Division of Facilities **Construction & Management** 4110 State Office Building Salt Lake City, Utah 84114 Phone: (801) 538-3018 Fax: (801) 538-3267

http://dfcm.utah.gov

CREATED BY: Design Interface LLC



O 801.533.0100 | F 801.533.0101 **CONSULTANT: ENVISION ENGINEERING** 





**BUILDING NAME:** 

**Brigham City Center** Brigham City, Utah

PROJECT TITLE:

**Brigham City Center Facade** Remodel

MARK	DATE	DESCRIPTION

ISSUE TYPE: Preliminary

**ISSUE DATE:** February 12, 2007

DFCM PROJECT NO: 06047310 ARCHITECT'S PROJECT NO: CAD DWG FILE: DRAWN BY: JB

CHK'D BY: FR

COPYRIGHT: STATE OF UTAH SHEET TITLE

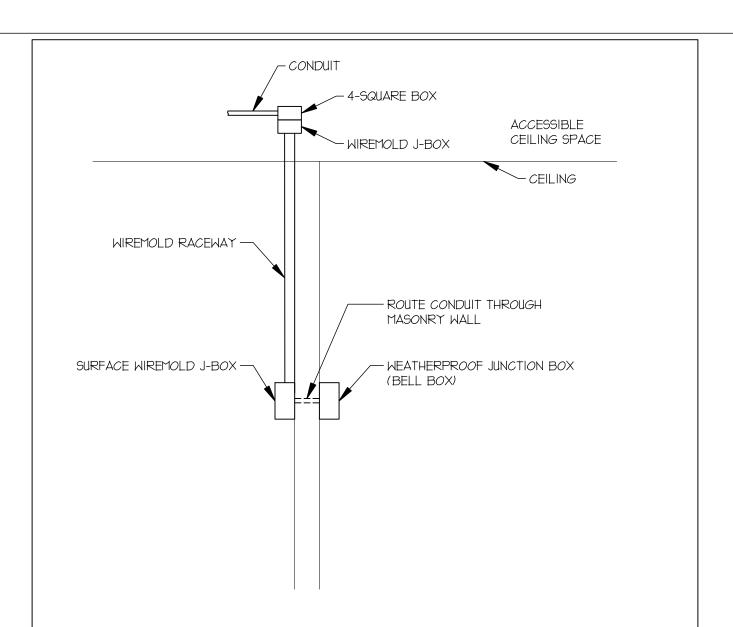
> **ELECTRICAL SYMBOL** SCHEDULE

SHEET NUMBER

E0.1

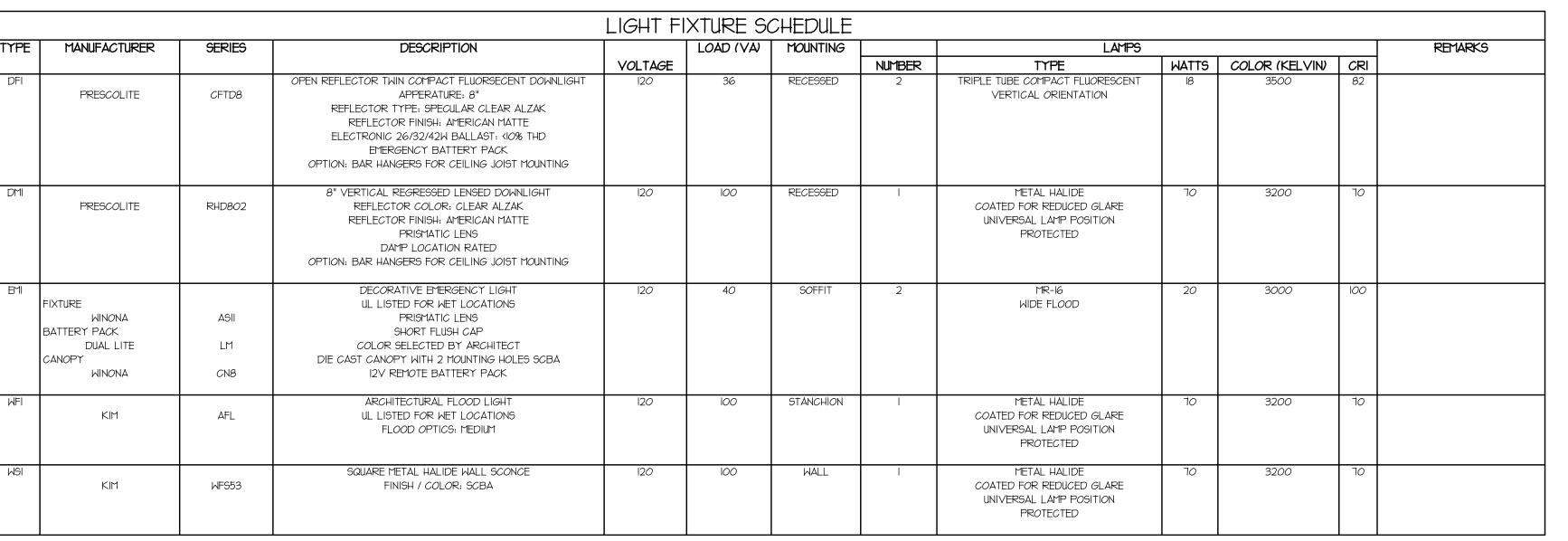
SHEET

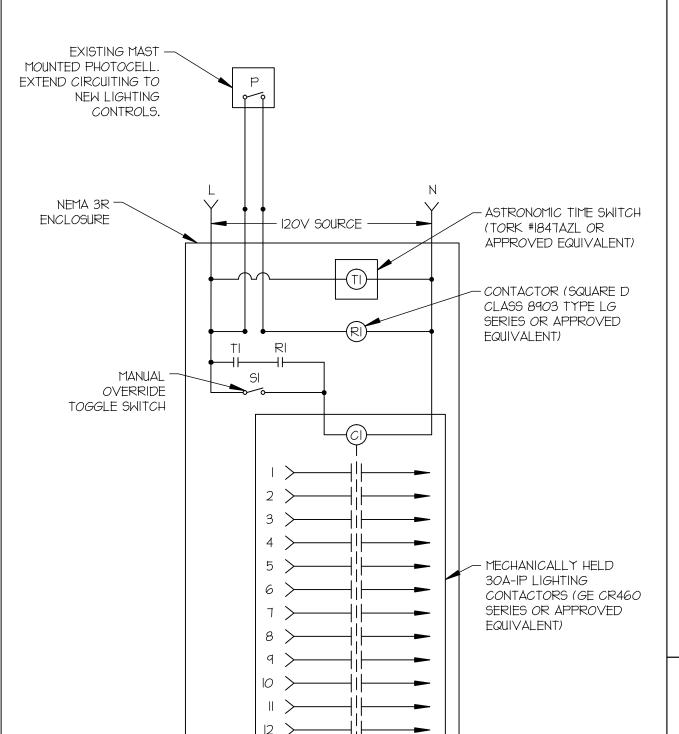
100

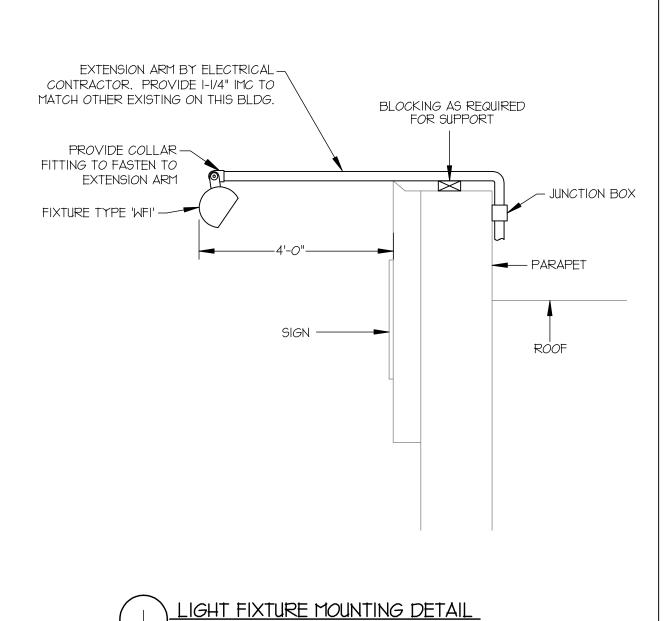


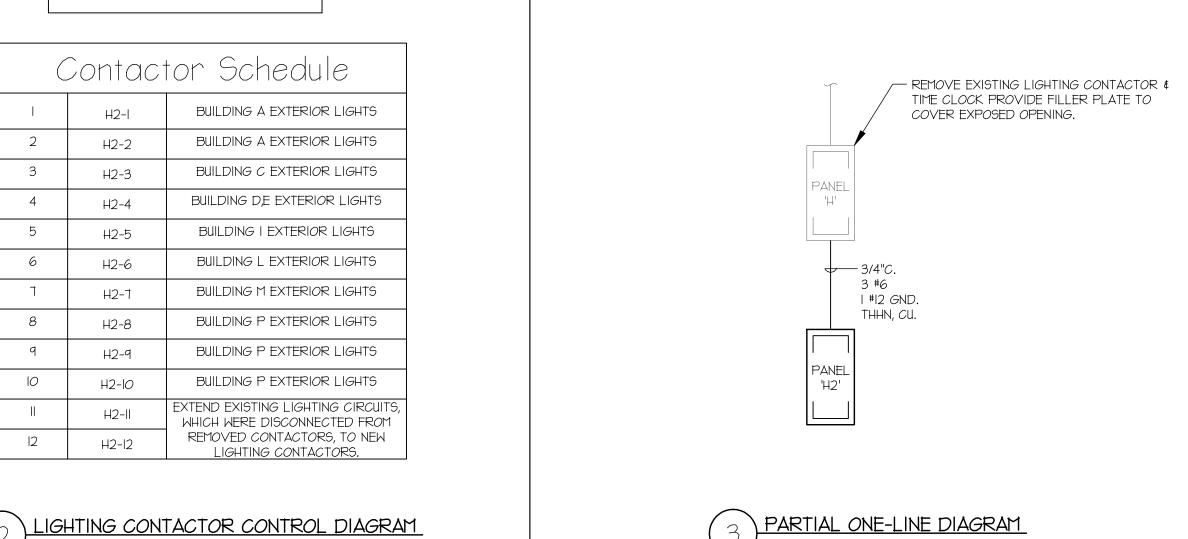
SURFACE RACEWAY ROUTING DETAIL

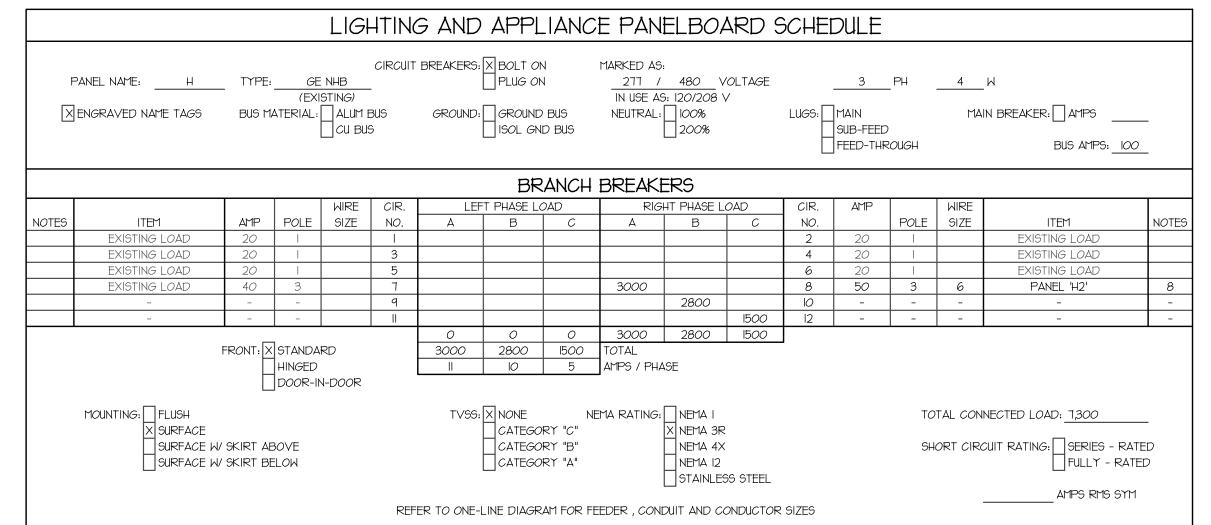
SCALE: NONE











LIGHTING AND APPLIANCE PANELBOARD SCHEDULE

F	PANEL NAME: H2	_ TYPE:	N	QOD	CIRCUIT -	BREAKERS:	X BOLT OF	1	120 /	208 \	/OLTAGE		3	_ PH	4	W	
X	ENGRAVED NAME TAGS	BUS M	ATERIAL:	ALUM F	3US 3	GROUND:	X GROUND 190L GN	BUS DBUS	NEUTRAL:	X 100% 200%		LUGS: X	MAIN SUB-FEED FEED-THE	) ROUGH	MAIN	N BREAKER: AMPS BUS AMPS:(C	
							BR	ANCH	BREAK	ERS							
				WIRE	CIR.	LEF	T PHASE LO	DAD	RIG	HT PHASE L	.OAD	CIR.	AMP		WIRE		$\neg$
NOTES	ITEM	AMP	POLE	SIZE	NO.	А	В	С	А	В	С	NO.		POLE	SIZE	ITEM	NOTES
	EXTERIOR LIGHTS	20		12	1	600			800			2	20	I	12	EXTERIOR LIGHTS	
	EXTERIOR LIGHTS	20		12	3		800			800		4	20		12	EXTERIOR LIGHTS	
	EXTERIOR LIGHTS	20	1	12	5			700			800	6	20	1	12	EXTERIOR LIGHTS	
	EXTERIOR LIGHTS	20	1	12	7	800			800			8	20	1	12	EXTERIOR LIGHTS	
	EXTERIOR LIGHTS	20		12	9		700			500		10	20	1	12	EXTERIOR LIGHTS	
	SPARE	20	1		ll ll							12	20	1		SPARE	
	SPARE	20	1		13							14	20	1		SPARE	
	SPARE	20			15							16	20			SPARE	
	SPARE	20			П							18	20			SPARE	
	SPACE				19							20				SPACE	
	SPACE				21							22				SPACE	
	SPACE				23							24				SPACE	
		FRONT: X	STANDA	.RD		14 <i>00</i> 3 <i>000</i>	15 <i>00</i> 28 <i>00</i>	700 1500	1600 TOTAL	1300	800						
			HINGED DOOR-II			25	23	13	AMPS / PHA	4SE							
MOUNTING: FLUSH  X SURFACE SURFACE W/ SKIRT ABOVE SURFACE W/ SKIRT BELOW					CATEGORY "C" X NEMA 3R						UIT RATING: SERIES - RA X FULLY - RA	TED					
					REF	ER T <i>O O</i> NE-I	LINE DIAGR	AM FOR FI	EEDER , CON	DUIT AND C	ONDUCTOF	R SIZES			_	<u>10,000</u> AMPS RMS SY1	1

PANELBOARD SCHEDULE NOTES:	ı
I. PROVIDE CLASS A GROUND FAULT INTERRUPTER TYPE CIRCUIT BREAKER.	ı
2. PROVIDE ARC FAULT CIRCUIT INTERRUPTER TYPE CIRCUIT BREAKER.	ı
3. PROVIDE 30 MILLIAMPERE EQUIPMENT GROUND FAULT PROTECTOR TYPE CIRCUIT BREAKER.	ı
4. PROVIDE SHUNT-TRIP TYPE CIRCUIT BREAKER WITH 120V COIL.	ı
5. PROVIDE HACR RATED CIRCUIT BREAKER.	ı
6. PROVIDE HANDLE CLAMP FOR HOLDING CIRCUIT BREAKER IN THE "ON" OR "OFF" POSITION.	ı
1. PROVIDE SWITCHING RATED CIRCUIT BREAKER.	ı
8. PROVIDE NEW CIRCUIT BREAKER IN EXISTING PANELBOARD (WHERE PANEL IS INDICATED AS EXISTING) OF SAME MANUFACTURER AND A.I.C. RATING AS EXISTING.	ı
9. EXISTING LOAD.	ı

# State of Utah

Department of Administrative Services



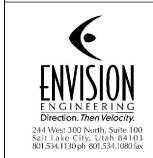
Division of Facilities
Construction & Management
4110 State Office Building
Salt Lake City, Utah 84114
Phone: (801) 538-3018
Fax: (801) 538-3267

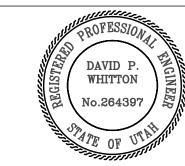
http://dfcm.utah.gov

CREATED BY: Design Interface LLC



CONSULTANT: ENVISION ENGINEERING





O 801.533.0100 | F 801.533.0101

**BUILDING NAME:** 

Brigham City Center Brigham City, Utah

PROJECT TITLE:

Brigham City Center Facade Remodel

MARK	DATE	DESCRIPTION

ISSUE TYPE: Preliminary

ISSUE DATE: February 12, 2007

DFCM PROJECT NO: 06047310
ARCHITECT'S PROJECT NO:
CAD DWG FILE:

DRAWN BY: JB
CHK'D BY: FR

COPYRIGHT: STATE OF UTAH

SHEET TITLE

SCHEDULES & DETAILS

SHEET NUMBER

E0.2

SHEET

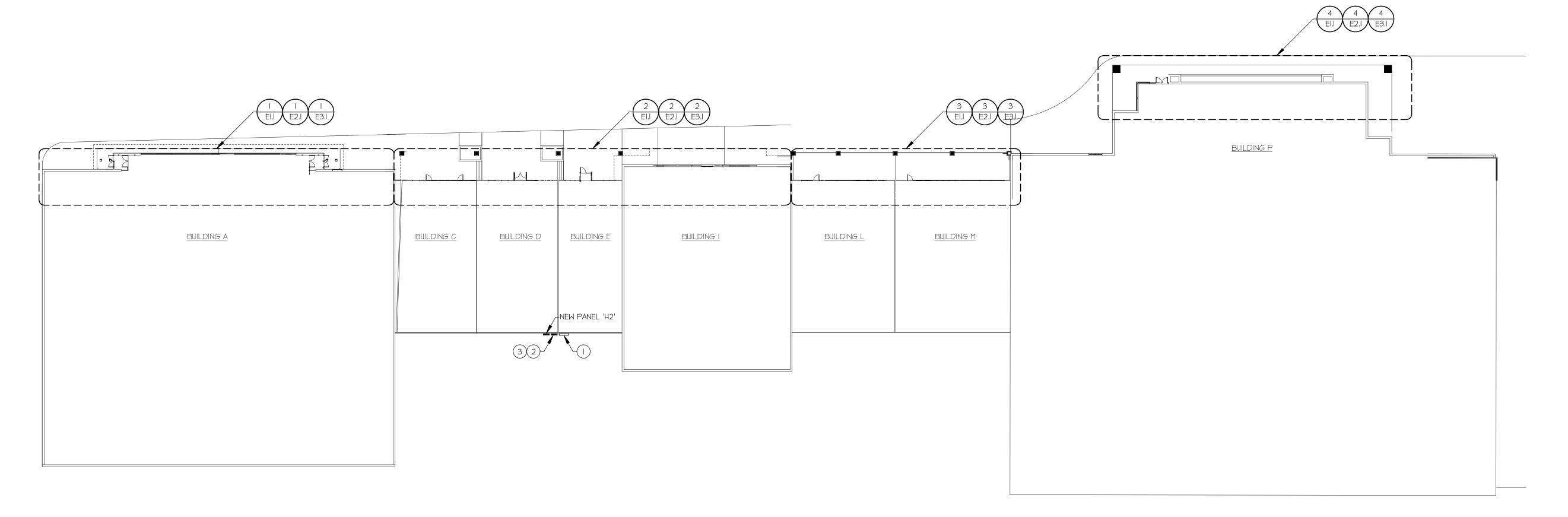
100

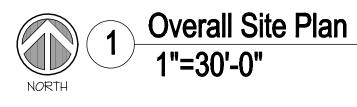
#### GENERAL NOTES:

I. COORDINATE CONSTRUCTION SCHEDULE AND INSTALLATION, INCLUDING ROUTING OF CONDUITS, WITH THE OWNER PRIOR TO WORK. CONTACT PERSON: DOUG SCHUMMER, DFCM FACILITIES MANAGER, TEL: 435-730-2045.

#### KEYED NOTES:

- ) LOCATION OF EXISTING PANELS, METERS AND OTHER ELECTRICAL EQUIPMENT WHICH SHALL REMAIN UNCHANGED UNLESS OTHERWISE SPECIFIED.
- (2) EXISTING HOUSE PANEL 'H' WITH LIGHTING CONTACTORS. DISCONNECT AND REMOVE EXISTING LIGHTING CONTACTORS AND TIME CLOCK. REFER TO LIGHTING CONTACTOR DIAGRAM AND INDIVIDUAL ELECTRICAL PLANS FOR ADDITIONAL INFORMATION AND REQUIREMENTS. PROVIDE FILLER PLATE TO COVER EXPOSED PANEL INTERIOR.
- 3) REFER TO PANELBOARD SCHEDULE WITH INFORMATION REGARDING ADDED BREAKERS.





# State of Utah

Department of Administrative Services



Division of Facilities Construction & Management
4110 State Office Building
Salt Lake City, Utah 84114
Phone: (801) 538-3018
Fax: (801) 538-3267

http://dfcm.utah.gov

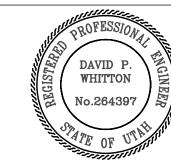
CREATED BY: Design Interface LLC



925 SOUTH 2ND WEST, SUITE B SALT LAKE CITY UTAH 84101 O 801.533.0100 | F 801.533.0101

CONSULTANT: ENVISION ENGINEERING





**BUILDING NAME:** 

Brigham City Center Brigham City, Utah

PROJECT TITLE:

**Brigham City Center Facade** Remodel

MARK	DATE	DESCRIPTION

ISSUE TYPE: Preliminary

ISSUE DATE: February 12, 2007

DFCM PROJECT NO: 06047310

ARCHITECT'S PROJECT NO: CAD DWG FILE: DRAWN BY: JB

CHK'D BY: FR

COPYRIGHT: STATE OF UTAH

SHEET TITLE

**OVERALL SITE PLAN** 

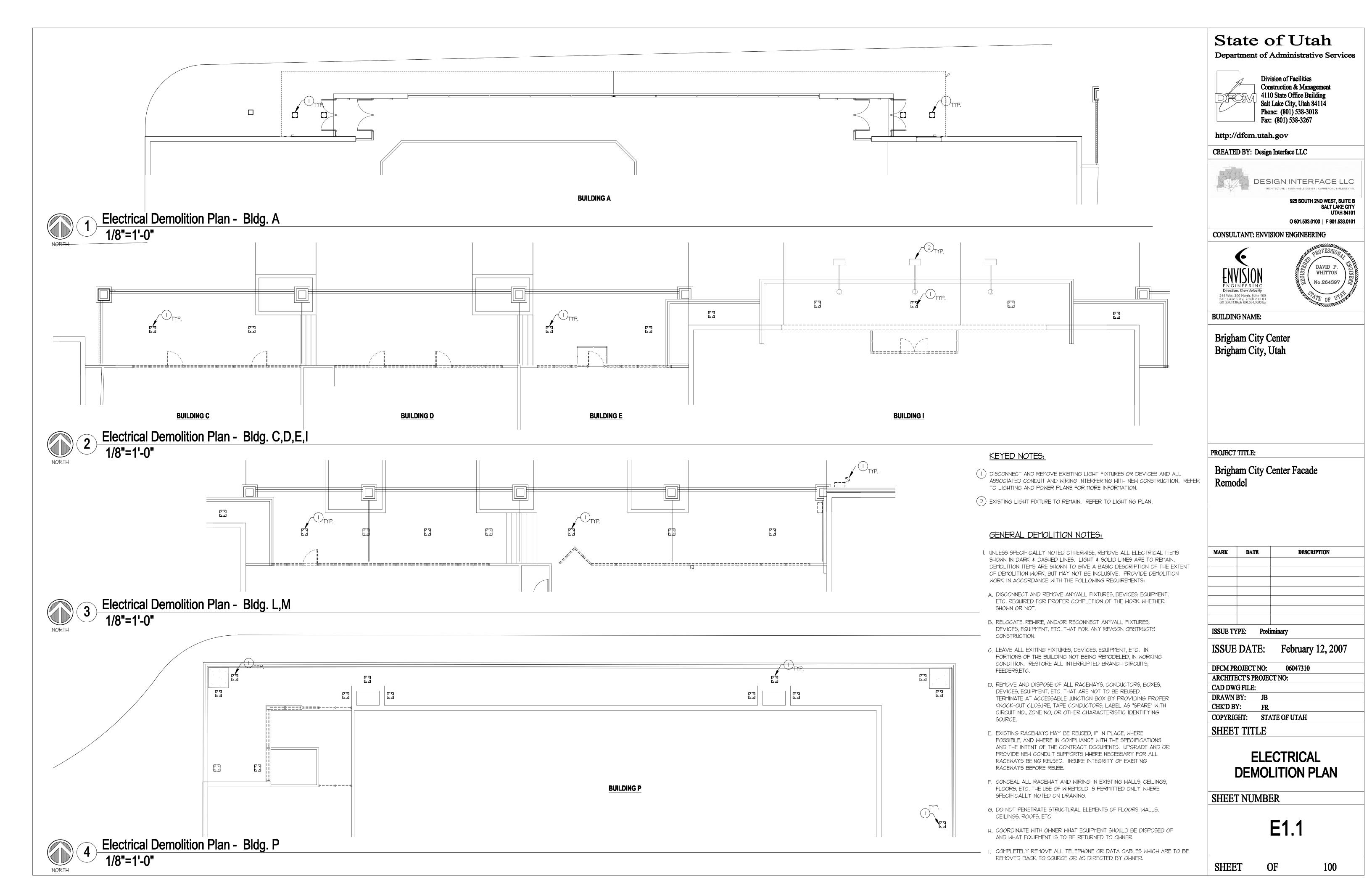
SHEET NUMBER

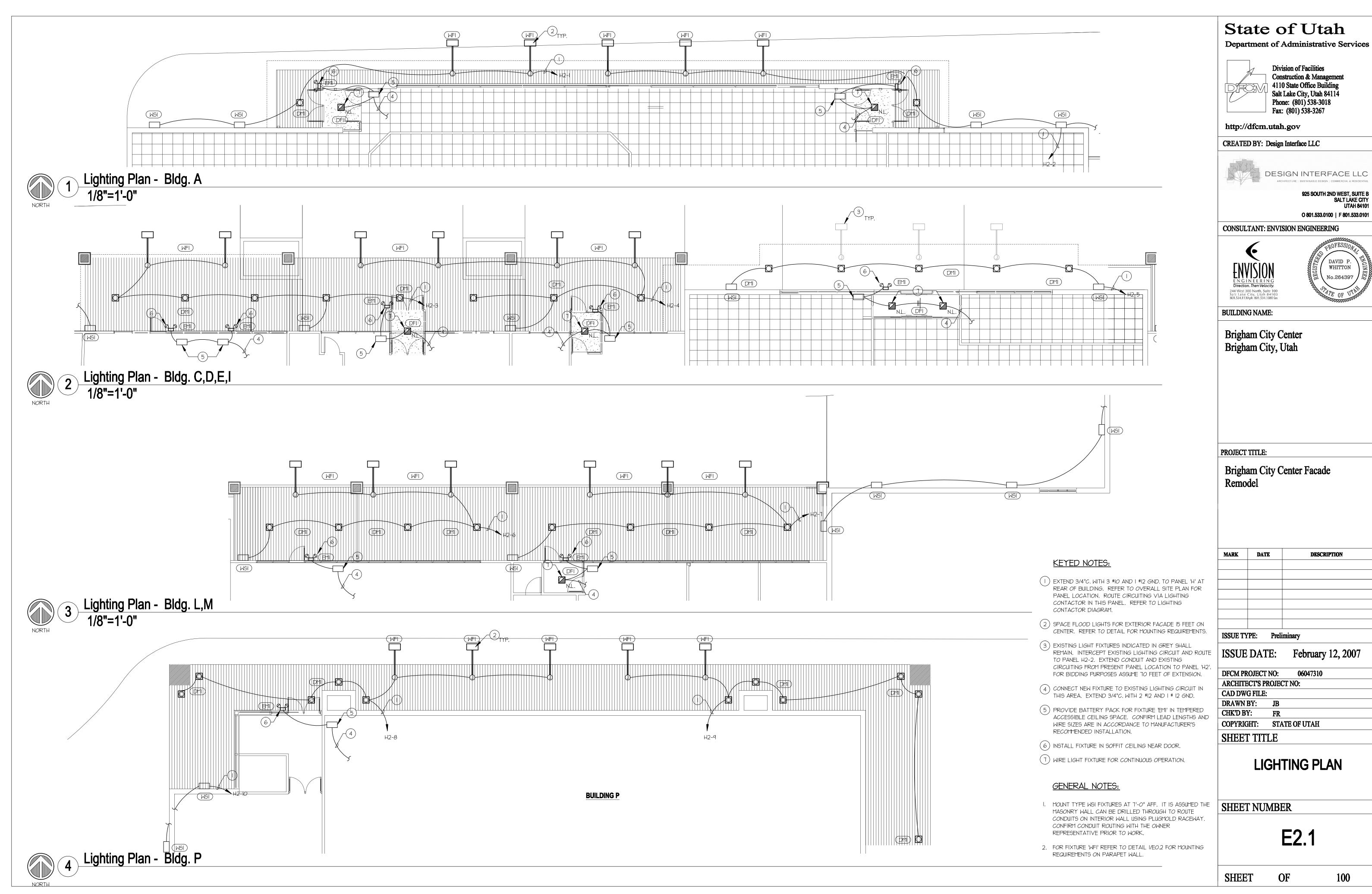
E1.0

OF

SHEET

100





O 801.533.0100 | F 801.533.0101



MARK	DATE	DESCRIPTION

